McGILL UNIVERSITY

MONTREAL



CALENDAR

FOR THE SESSION 1938-1939

MONTREAL

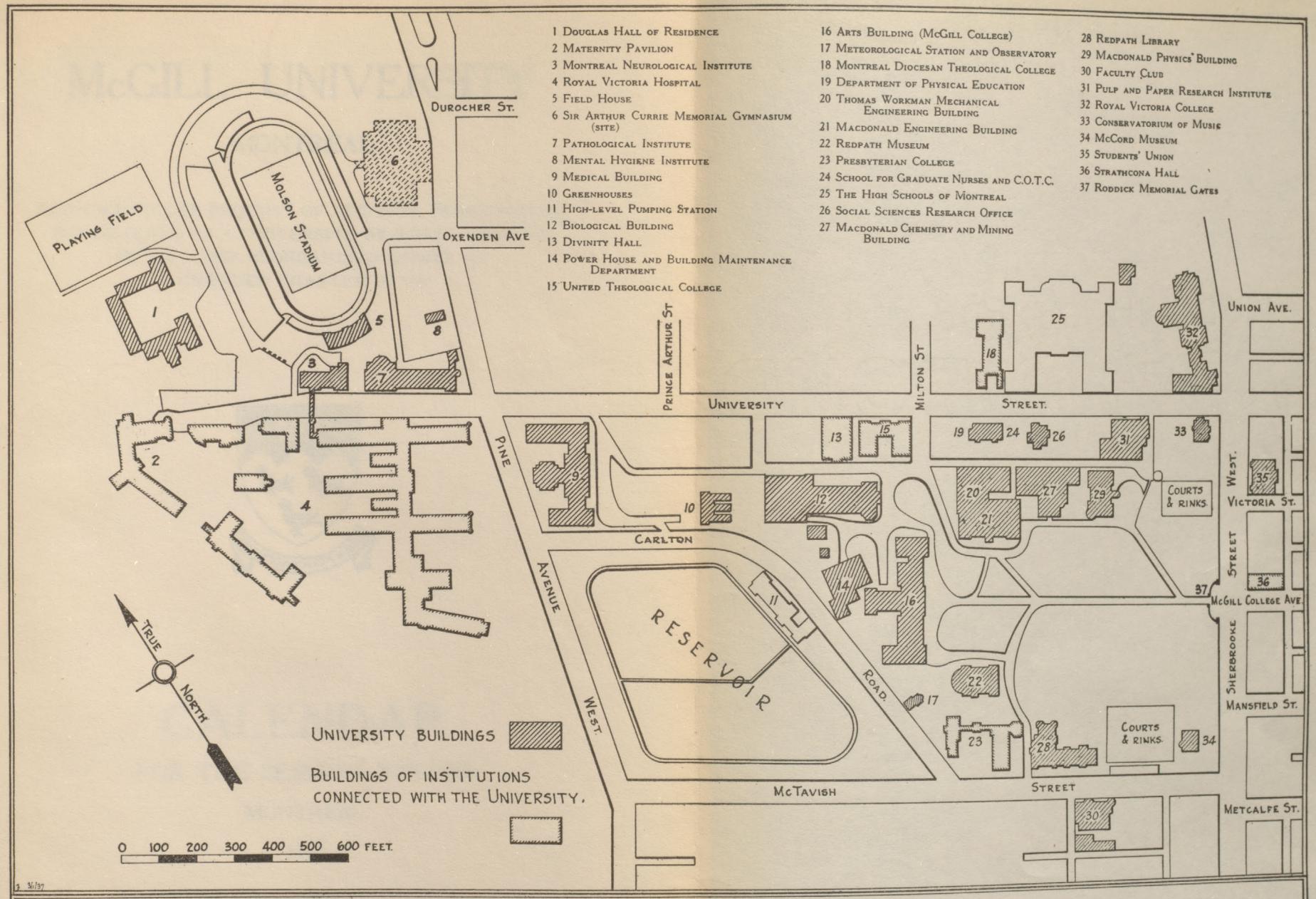
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MONTREAL

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AMENDED CHARTER IN 1852

CALENDAR

FOR THE SESSION 1938-1939

MONTREAL

1938

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POWLES, WILLIAM E., 1936
SIMKOVER, HARRY, 1936
VON CARDINAL, CLIVE, 1938
WILLIAMS, HESTER, 1937

Law

VINEBERG, PHILIP, 1938

Science

EDWARD, JOHN T., 1938
HANSON, HILMA, 1937
KARP, ADELE, 1937
KAUFMAN, HYMAN, 1937

Engineering

CALDER, JOHN, 1938
CAMPBELL, HOWARD, 1938
MACGOWAN, WILLIAM H., 1938
WEBB, EARLE, 1938

CALENDAR FOR THE SESSION 1938-39

1938

Monday, and Tuesday,	Aug. 29th..... to Aug. 30th.....	Students register in first three years of Medicine and first two years of Dentistry.
Wednesday,	Aug. 31st.....	Lectures begin in first three years of Medicine and first two years of Dentistry.
Monday,	Sept. 5th.....	Labour Day. No lectures.
Tuesday, to Tuesday,	Sept. 6th..... to Sept. 13th.....	Students register in Fourth and Fifth Years Medicine, and Third and Fourth Years Dentistry.
Wednesday,	Sept. 7th.....	Matriculation Examinations begin.
Monday,	Sept. 12th.....	Students in the School of Physical Education register. Conservatorium of Music opens for practical work.
Tuesday,	Sept. 13th.....	Lectures in the School of Physical Education begin.
Wednesday,	Sept. 14th.....	Lectures begin in Fourth and Fifth Years Medicine, and Third and Fourth Years Dentistry. Supplemental Examinations begin in Arts and Science, Commerce, Engineering, and Architecture.
Thursday, to Wednesday,	Sept. 22nd..... to Sept. 28th.....	Students register in Law, First Years Engineering and Architecture; also others in Engineering and Architecture who have no conditions.
Friday, to Saturday,	Sept. 23rd..... to Sept. 24th.....	Students register in the Library School.
Monday,	Sept. 26th.....	Lectures in the Library School begin. Lectures in Music begin.
Monday, to Wednesday,	Sept. 26th..... to Sept. 28th.....	Students register in Arts and Science, Commerce, and the School of Nursing.
Wednesday,	Sept. 28th.....	Conditioned students in Engineering and Architecture register.
Thursday,	Sept. 29th.....	Lectures begin in Arts and Science, Commerce, Engineering, Architecture, Law, and the School of Nursing.

Thursday,	Oct.	6th.....	Founder's Day. Convocation. (James McGill born October 6th, 1744, died December 19th, 1813).
Friday,	Oct.	7th.....	Last day for receiving candidates' applications in Faculty of Graduate Studies and Research.
Monday,	Oct.	10th.....	Thanksgiving Day. No lectures.
Wednesday,	Oct.	19th.....	Last day for registration and payment of fees in the Faculty of Graduate Studies and Research.
Friday,	Oct.	21st.....	Intercollegiate Sports Day. No lectures.
Friday,	Nov.	11th.....	Remembrance Day. No lectures.
Wednesday,	Dec.	21st.....	Last day of lectures in all Faculties and Schools.

1939

Thursday,	Jan.	5th.....	Lectures resumed in all Faculties and Schools.
Monday,	Jan.	16th.....	Mid-session examinations begin in Arts and Science, Commerce, all years of Engineering and Architecture except the first, Physical Education, and the School of Nursing. Second term lectures begin in First Year Engineering and First Year Architecture.
Wednesday,	Jan.	18th.....	Second term lectures begin in Second Year Engineering and in Second, Third, Fourth and Fifth Years Architecture.
Monday,	Jan.	23rd.....	Second term lectures begin in Arts and Science, Commerce, Third and Fourth Years Engineering, Law, Physical Education, and the School of Nursing.
Friday,	Feb.	10th.....	Founder's Day at Macdonald College. (Sir William Macdonald born February 10th, 1831, died June 9th, 1917).
Saturday, to Monday, (inclusive)	Feb. 25th..... Feb. 27th.....		Short Recess. No lectures.
Monday,	Feb.	27th.....	Last day for Special Entrance Scholarship applications.

Wednesday,	Mar.	29th	Special Entrance Scholarship examinations begin.
Thursday,	Apr.	6th	Lectures end in the first three years of Engineering and in all years of Architecture.
Friday,	Apr.	7th	Easter vacation.
to			
Monday,	Apr. (inclusive)	10th	
Wednesday,	Apr.	12th	Examinations begin in the first three years of Engineering and in all years of Architecture.
Friday,	Apr.	21st	Lectures end in all Faculties and Schools, except Medicine, Dentistry, the Library School, and Music.
Tuesday,	Apr.	25th	Lectures end in Fourth and Fifth Years Medicine, and all years of Dentistry.
Thursday,	Apr.	27th	Examinations begin in Arts and Science, Commerce, Fourth Year Engineering, Law, Physical Education, and the School of Nursing.
Friday,	Apr.	28th	Examinations begin in Theory of Music.
Monday,	May	1st	Examinations begin in Fourth and Fifth Years Medicine, and all years of Dentistry.
Thursday,	May	3rd	Lectures end in the Library School.
Thursday,	May	4th	Examinations in the Library School.
to			
Saturday,	May	6th	
Monday,	May	8th	Practical Examinations begin in Music.
Tuesday,	May	9th	Examinations begin in Higher Theoretical Music.
Wednesday,	May	10th	Lectures in Music end.
Wednesday,	May	24th	Victoria Day. University Holiday.
Thursday,	May	25th	Convocation.
Saturday,	June	3rd	Third term ends for students in first three years of Medicine.
Friday,	June	16th	Matriculation examinations begin.

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties, and in 1907 establishing Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal, as a separate residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, who gave the University a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him and mentioned above.

A history of the University, "McGill and its Story," by Professor Cyrus Macmillan, is published by the Oxford University Press, Toronto.

GOVERNMENT OF THE UNIVERSITY

McGill University is a Corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor-General as Visitor.

The *Governors* of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec, part of the official organization of the Province, but completely self-governing. In them is vested the management of finances, the appointment of professors, and other important duties. Three of the Governors are elected by the members of the Graduates' Society

and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is *ex officio* Chancellor of the University.

The *Principal* is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member). He also holds the office of Vice-Chancellor of the University.

The *Senate* consists of the Chancellor, the Principal, the Deans of the Faculties, the Warden of the Royal Victoria College, the Director of the School for Teachers, all *ex officio;* five Governors elected by the Board, and eight professors elected by the various faculties. The Principal is Chairman of Senate which is the supreme academic authority of the University and has control over admission, courses of study, discipline, and degrees.

The carrying out of the regulations of Senate along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties and Schools.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty-five miles from Montreal. It consists of the Faculty of Agriculture, the School of Household Science, and the School for Teachers. All courses leading to the Bachelor's and Master's degrees are under the control of the Senate of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science are under the direction of the Faculty of Agriculture, and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. Full information is given in the Macdonald College Announcement, which will be sent on application to the Secretary, Macdonald College, Que. (See also page 498.)

The Royal Victoria College is the Women's College of McGill University for courses in the Faculty of Arts and Science. For further particulars, see pages 227 to 229.

AFFILIATED THEOLOGICAL COLLEGES

The Theological Colleges named below are affiliated to the University under the following arrangements:—Students in these institutions, who are pursuing a double course in Arts and Theology (six years at least), are exempted from a half course in Arts and Science in each of the Third and Fourth Years or a whole course in either.

The United Theological College of Montreal.—Principal, Rev. George G. D. Kilpatrick, B.A., D.D., 3506 University St.

The Montreal Diocesan Theological College.—Principal, Rev. G. Abbott-Smith, M.A., D.D., D.C.L., 3473 University St.

The Presbyterian College, Montreal.—Principal, Rev. F. Scott Mackenzie, M.A., Th.D. (Harvard), D.D. (Knox), 3485 McTavish St.

For Calendars and all necessary information, apply to the Principals of the several Colleges.

AFFILIATION WITH OTHER UNIVERSITIES

Under certain conditions students of McGill University may be granted advanced standing in the Universities of Oxford, Cambridge, and Dublin. Particulars of these conditions may be obtained from the Registrar.

For universities affiliated with the Faculty of Engineering, see page 264.

MATRICULATION EXAMINATIONS

GENERAL REGULATIONS

June and September Examinations.

The Matriculation examinations are held in June and September —in June at McGill University and local centres; in September at McGill University only. The time-tables for these examinations are issued in February each year.

ALL INQUIRIES, EXCEPT FROM CANDIDATES IN GREAT BRITAIN, RELATING TO THE EXAMINATIONS SHOULD BE ADDRESSED TO THE REGISTRAR OF THE UNIVERSITY.

Candidates in Great Britain.

Candidates in Great Britain should consult the Honorary Representative of the University, W. A. Bulkeley-Evans, C.B.E., M.A., LL.D., 5 Paper Buildings, Temple, London, E.C. 4.

Application Forms.

Every candidate for examination is required to fill in an application form and return it to the Registrar's Office with the necessary fee before the 20th of May or the 20th of August for the June or September examinations respectively. After these dates applications may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications.

Fees.

Junior Matriculation. The Junior Matriculation fee is one dollar per paper with a minimum fee of two dollars and a maximum fee of ten dollars.

Senior Matriculation. The Senior Matriculation fee is two dollars per paper with a minimum fee of three dollars and a maximum fee of fifteen dollars.

Regulations.

In centres outside Montreal candidates may be required to pay the whole or part of the expenses of invigilation.

A fee of $1.00 is charged for late applications. *(See above).*

No refunds are paid to candidates after the last day of registration (20th May or 20th August), excepting only when a candidate is absent throughout the whole examination on account of illness, and a medical certificate to this effect is presented within four weeks of the close of the examination.

Fees paid for one examination cannot be credited towards a subsequent examination.

Certificates.

The examinations may be taken in parts but the University will issue a Matriculation Certificate only on the results of examinations written within a period of sixteen months.

This rule also applies to the recognition of certificates granted by other recognized examining bodies.

Matriculation certificates are issued only to candidates who have passed the complete University Matriculation Examination.

Text-Books.

Junior Matriculation.

Commencing with the examinations of 1938 the University has inaugurated the policy of omitting reference to specific text-books in the syllabi of its Junior Matriculation Examinations, except in Mathematics. Set "texts" still form an essential part of the language papers, but the recommending of text-books in Chemistry, History, Physics, etc., has been discontinued.

The object of this change is to give those responsible for the preparation of candidates complete freedom to choose their own methods and to approach their subjects in any way that they feel to be desirable. A wider choice of questions in the examination papers has accompanied the change and has, it is hoped, afforded scope to the teachers and students who have utilized the freedom of the new scheme.

Senior Matriculation.

The University has also discontinued the recommendation of some of the Senior Matriculation text-books, but in other Senior Matriculation subjects it is considered important that the work should follow closely that of the corresponding course in the first year of the Faculty of Arts and Science, and in such subjects the text-books used in the University courses have been retained as Senior Matriculation text-books for the present.

Consultation with Departments.

The University Departments concerned will be pleased to give school principals or specialist teachers advice concerning methods or books of reference, and to discuss problems that may arise in connexion with the syllabi for either the Junior Matriculation or the Senior Matriculation Examinations. The Registrar will be glad to arrange for such conferences.

Previous Papers.

Books containing the examination papers set in either June or September of any one year may be obtained from the Bursar's Office at 25c a copy.

JUNIOR MATRICULATION

For admission to the first year of the Faculty of Arts and Science, the Faculty of Agriculture, the School of Household Science, and the School of Architecture.

For the admission requirements of the other Faculties and Schools of the University see Index under "Admission."

For Senior Matriculation see page 98.

Requirements for the Certificate.

In order to pass, a candidate must obtain an average of 60 per cent in the ten required papers of the examination, and not less than 40 per cent in any paper. A candidate, however, whose marks in one paper fall below 40 per cent is given matriculation standing if his average in his ten papers is not less than 70 per cent.

CERTIFICATES RECOGNIZED

The certificates and diplomas mentioned below are accepted in lieu of the Junior Matriculation examination for admission to the University, provided that in the opinion of the University:

1. the certificate has been obtained under no easier conditions than those of the McGill Matriculation Certificate;
2. the subjects and standards of the examination are equivalent to those of the McGill Matriculation Examination.

Candidates for admission offering certificates which are not a full equivalent may be required to pass in one or more matriculation papers.

Intending students who wish to enter by certificate should under no circumstances come to the University without having first obtained from the Registrar a statement of the value of the certificate they hold.

Province of Quebec.
The High School Leaving Certificate.

Province of Ontario.
Middle School Certificate.

Province of New Brunswick.
Junior Matriculation or High School Leaving Certificate.

Province of Nova Scotia.
Grade XI Certificate.

Province of Prince Edward Island.
Second Year Certificate of Prince of Wales College.

Province of British Columbia.
Junior Matriculation.

Province of Manitoba.
Grade XI Certificate.

Provinces of Alberta and Saskatchewan.
Grade XI Certificate.

Newfoundland.
Junior Matriculation.

Great Britain.

The School Certificate of:—

The Oxford and Cambridge Schools Examination Board.
The Oxford Local Examination Board.
The Cambridge Local Examination Board.
The Northern Universities Joint Examination Board.
The Central Welsh Board.
The University of Durham.
Bristol University.
The University of London.

The University of London Matriculation.

The Certificate of Fitness issued by the Scottish Universities Entrance Board.

The School Certificates above will be accepted for admission to the B.A. courses *with four Credits* if these are (1) English, (2) Latin or Greek, (3) French or German, (4) Mathematics or a Science; *or with five Credits* if the five are three of the Credits mentioned above and two Credits in subjects not mentioned (excluding Religious Knowledge).

For admission to the B.Sc. courses, a science may replace Latin or Greek.

For admission to the B.Com. courses, either the B.A. or the B.Sc. qualifications will be accepted.

United States.

1. McGill University recognizes the qualifying examinations conducted by the College Entrance Examination Board, 431 West 117th Street, New York City.

2. A student may obtain matriculation qualifications by writing these examinations as a Class B candidate in *four* subjects which must include

(1) English
(2) Mathematics (A1 and C or Beta or higher grades)
(3) French or German or Latin or Greek (Four-Year)
(4) A subject not already chosen.

In addition the student is required to submit his complete High School record which must show the position he occupied in his class, and the number of students in the class. A confidential letter from his Principal is also required.

3. The College Board examination in Latin or Greek is normally required for entrance to the B.A. courses, and distinct ability in scientific subjects must be shown for entrance to the B.Sc. courses.

4. Certificates from accredited High Schools are not normally recognized but pupils are sometimes admitted if they occupy a position in the first fifth of their class and are specially recommended for university work by their Principals.

Miscellaneous.

Other certificates, such as those issued by universities or recognized public Examining Boards, will be judged on their merits and accepted in so far as they meet the entrance requirements.

II. SUBJECTS OF EXAMINATION

(For 1939)

A. For admission to the Arts Division of the Faculty of Arts and Science.

In the University's own Examination, ten papers are required.

Group	No. of Papers	Subject
1.	2	**English.**
2.	1	**History.**
3.	2	**Latin** *or* **Greek.**
4.	2	One of the following: **Greek** *or* **Latin** (the one not already chosen); **French; German; Spanish.**
5.	2	**Elementary Mathematics.**

Group	No. of Papers	Subject
6.	1	One of the following: **Biology; Botany; Chemistry; Geography; Physics; Music;** one paper in **Intermediate Mathematics;** a **foreign language** not already chosen *(the average of the two* **foreign language** *papers is counted).*
Total	10 papers	

B. For admission to the Science Division of the Faculty of Arts and Science.

In the University's own examination ten papers are required

Group	No. of Papers	Subject
1.	2	**English.**
2.	1	**History.**
3.	2	**French** *or* German.
4.	2	Elementary Mathematics.
5.	1	One of the following: **Biology; Botany; Chemistry; Physics.**
6.	2	*Either* **Latin** or Spanish or French or German (if not already chosen) *or* any two of the following papers not already chosen: (a) **Intermediate Algebra.*** (b) **Intermediate Geometry and Trigonometry.*** (c) **Biology.†** (d) **Botany.†** (e) **Chemistry.** (f) **Geography.** (g) **Physics.** (h) **Music** or **Drawing.** (Music and Drawing may not both be chosen).
Total	10 papers	

†*Note*: Biology and Botany may not both be counted towards the ten papers required.

For admission to the School of Household Science only, the Quebec High School Leaving Examination in Household Science may be substituted for Music or Drawing provided the candidate obtains an average of 67% in the other nine papers.

C. For Admission to the School of Commerce.

The B.A. or B.Sc. Junior Matriculation Examination (see above).

D. For Admission Requirements of other Faculties and Schools see Index under "Admission".

*Candidates who intend to enter Engineering or to study for honours in Chemistry, Mathematics, or Physics, are advised to choose these papers.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1939.

In all papers marks will be deducted for bad errors in spelling.

Biology

All the subjects mentioned should be studied practically, both in the field and in the classroom. Vivaria and aquaria should be kept and plants should be grown in soil and water culture. Pupils should be encouraged to collect materials and so add to the school museum. Typical preparations and demonstration dissections should be made. In small classes pupils might do some dissection personally. Simple experiments should be used wherever possible. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any order with due regard to the seasons and local conditions.

I. The general external characters and structure of a dicotyledonous flowering plant and of a small mammal such as a rabbit and the general biological principles to be drawn from such studies.

The general structure of a plant cell and of an animal cell as seen in Spirogyra and Amoeba. The properties of living matter. The differences between animals and plants.

II. The general structure, life-history, relation to environment, and broad classification of the following types based on practical study.

Plants: Thallophyta: Algae—unicellular and filamentous; Fungi—bacteria, yeast, mould, higher fungi. Bryophyta—one type. Pteridophyta—one type. Spermatophyta: Monocotyledons—one type. Dicotyledons—one herb and one tree. Details of the appearance and structure of the organs of a flowering plant considered in relation to function.

Animals: Protozoa—Amoeba, Paramecium; Coelenterata—Hydra; Annelida—Earthworm; Arthropoda—Crayfish, Grasshopper or Locust; Pisces—Perch, Pike, Cod or Haddock; Amphibia—Frog; Reptilia—external characters of Lizard or Turtle; Aves—external characters of a Bird; Mammalia—Rabbit.

III. The physiology of living organisms. Structure and function should be studied together.

Plant Physiology—Essentials of nutrition (photosynthesis, mineral nutrition, storage of food, special modes of feeding), respiration, water relations, growth and reproduction. The plant organism as a whole. Seasonal changes in perennial herbs and trees.

Animal Physiology—Elementary physiology of the animals listed in the preceding, including locomotion, nutrition, circulation, respiration, secretion, excretion, nerve control, action of hormones, growth, reproduction. Seasonal changes in animals.

IV. Field Natural History. The natural history of the plants and animals mentioned. Relationship of plants and animals in the general economy of nature. Trees and animals of the neighbourhood. Relation of plants and animals to their physical environment and to one another in *one* type of community, such as woodland, pasture, cultivated land, swamp or an aquatic community. The dominant plants and animals of this community.

V. The interrelation of plants and animals with man. The importance of plants and animals as sources of food, shelter, clothing, commercial products.

Plants—Green plants as basic food supply. Man's staple food plants. Lumber, paper, rubber, etc. Plant geography and plant industries of North America in relation to climate. Useful bacteria and fungi; organic decay, carbon and nitrogen cycles. Pathogenic bacteria and fungi and their control.

Animals—Protozoan and other parasites as causal agents of disease; insects, useful and injurious, in relation to human health, farm stock, crops and forests. Food animals. Fur-bearing animals in relation to climate.

VI. Elementary outline of the principles of heredity and variation among plants and animals.

Botany

All the subjects mentioned should be studied practically. Aquaria should be kept, plants grown in soil and water culture, and simple physiological experiments carried out. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any suitable order.

I. Organs and Cells.

The general external characters and structure of a flowering plant considered in relation to its mode of life.

Structure of a plant cell; properties of protoplasm; types of cell.

II. Types and Classification.

The general structure, life history, relation to environment and broad classification of the following types:

Thallophyta: Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria.
Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi, including at least one parasitic form.
Lichens—general.

Bryophyta: A Liverwort, a Moss.

Pteridophyta: A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.
Angiosperms—a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

General characteristics and common plants of the following families of flowering plants: Liliaceæ, Gramineæ, Orchidaceæ, Ranunculaceæ, Rosaceæ. Leguminosæ, Umbelliferæ, Solanaceæ, Labiatæ, Compositæ.

III. Physiology and Histology.

Elements of the microscopic structure of a typical leaf, root, herbaceous stem and woody stem studied in relation to the functions of the organ and its parts.

Essentials of nutrition (photosynthesis, mineral nutrition, storage of food, special modes of feeding), respiration, water relations, growth, tropisms, and reproduction. The organism as a whole. Seasonal changes in perennial herbs and trees.

IV. Field Natural History.

Common trees and some other plants of the neighbourhood. Elements of the ecology of at least one local area, such as wood, meadow, swamp or seashore. Adaptation to environment. Modes of pollination and of distribution and germination of seeds.

V. Heredity.

Elementary outline of the principles of heredity and variation as applied to plants.

VI. Relation to Man.

Green plants as the basic food supply. Man's staple food plants. Nature and source of other important plant products, e.g. lumber, fibres, paper, rubber. Useful bacteria and fungi; organic decay, carbon and nitrogen cycles. Pathogenic bacteria and fungi and their control. Main types of vegetation found in North America, with emphasis on Canada; their relation to climate and to human activities.

Chemistry

I. Preparation, properties and uses of hydrogen; oxygen; ozone; hydrogen peroxide; the halogens and their hydrides; nitrogen, its hydride, oxides and acids; sulphur, its hydride, oxides and acids; carbon and its oxides; phosphorus, its hydride, oxides and acids.

II. General methods of production of the metals such as sodium, calcium, magnesium, aluminium, copper, chromium, and manganese.

III. Periodic Classification of the Elements generally.

IV. Common industrial processes, including those for sodium hydroxide, lime, sodium carbonate, sulphuric acid, nitric acid, ammonia, fixation of nitrogen, and calcium carbide.

V. Water, its composition and physical properties.

VI. Aqueous solutions of electrolytes and non-electrolytes.

VII. Catalysis.

VIII. Laws and theories associated with the following names: Boyle, Charles, Avogadro, Gay Lussac, Dalton, Lavoisier, Henry, Dulong and Petit, Arrhenius, and LeChatelier.

IX. Reversible Reactions.

X. Thermo chemistry of carbon, hydrogen, ozone.

XI. Elements of Atomic Structure.

XII. Atomic, molecular and equivalent weights.

XIII. The Atmosphere.

One examination paper.

Drawing.

Candidates must take two parts. They may take *either* (a) Parts I and II *or* (b) Parts III and IV *or* (c) *one* of III and IV and *one* of V and VI.

PART I

Elementary problems in the graphic geometry of the circle, ellipse, and plane rectilinear figures.

PART II

(*a*) Reproduce freehand ornament designs from flat copies.

(*b*) Make drawings, by freehand, or otherwise, of objects described, illustrating the principles of perspective.

(*c*) Make outline drawings of objects placed at a short distance.

PART III

Draw in light and shade, with charcoal or pencil, from a plaster cast or ornament in high relief.

PART IV

Make water color drawings of still life groups.

PART V. COMMERCIAL ART

(*a*) Lettering, including Roman and Gothic.

(*b*) Posters, Magazine Page Advertisements.

(*c*) Illustration, in colour and otherwise.

PART VI. CRAFT DESIGN

(*a*) Principles of ornament and decoration.

(*b*) Historic Styles.

(*c*) Themes, compositions or designs, founded on flowering plants, birds, fishes, butterflies, animals and humans, for specific purposes such as:—wall papers, embroideries, silver and copper work, jewellery, stained glass, decoration of pottery, cups and saucers, etc.

English.

A. Composition. A short essay on a general subject and two or three essays based on the work prescribed for general reading (Numbers 3, 4, 5, and 6 below).

B. Literature. (*The dates are those of the examinations.*)

For critical study.

1. 1939: Wordsworth, Keats, and Browning, in Poems of the Romantic Revival (Copp, Clark Company, Toronto), or in Nineteenth Century Poetry, edited by Dilworth (Copp, Clark Company, Toronto).
   1940: Byron, Shelley, and Tennyson in the above texts.
2. Shakspere: Plays in rotation: 1939 Julius Cæsar.
   1940 Macbeth.
   1941 Richard III.

For general reading.

3. Novels in rotation: 1939 Thackeray, Henry Esmond.
   1940 Eliot, The Mill on the Floss.
   1941 Scott, Kenilworth.
4. Shakspere: Plays in rotation: 1939 As You Like It.
   1940 The Tempest.
   1941 Twelfth Night.
5. "English Essays" selected by W. Peacock. World's Classics, Vol. 32. (O.U.P.). Suggested readings:—Addison, Goldsmith, Lamb, Hazlitt, Thackeray, and Stevenson.
6. Stevenson: An Inland Voyage and Travels with a Donkey.

General questions on the books in the group "for general reading" (3, 4, 5, and 6) will be included in the paper on Literature. These books should be read carefully, but the student's attention should not be so fixed upon details that he fails to appreciate the main purpose and beauty of the work.

Candidates will be expected to commit to memory passages selected by teachers from the work prescribed "for critical study" in poetry and drama.

Two examination papers—one on Composition and one on Literature.

French.

Maupassant: Contes de Guerre (O.U.P.), and Pailleron: Le monde où l'on s'ennuie (Holt).

Grammar:—A thorough knowledge of French accidence and common syntax.

Texts:—Questions on the texts to be answered in French; translation from the texts.

Translation:—Translation into French of detached English sentences and an easy piece of continuous prose.

Composition:—**Either* a short essay to be written in French **or* The reproduction in French of a story read to the candidates in French in the examination room.

**These sections are alternatives, candidates for entrance to the University being strongly advised to choose the latter, if possible.*

There are two papers:—I Texts and Grammar, II Composition and Translation.

All examination questions are set in French.

Geography

The main purpose of instruction in Geography is assumed to be to arouse in the student's mind a perception of (1) the influence of geographical environment on human life, and (2) how human endeavour may modify the natural environment. At the same time, a certain minimum amount of factual knowledge is required.

A. World Geography, with special reference to the characteristics of the major natural regions.

The shape of the Earth: latitude and longitude as a means of locating position.

The movements of the Earth: local time, and the course of the Seasons.

The distribution of land and water.

Land forms and the agencies modifying them.

The Ocean: currents, tides, and waves.

The factors determining climate, including the atmospheric circulation.

The broad contrasts and chief features of the major natural regions of the World, with the reasons for their existence: e.g. the tropical forests, the great deserts, etc.

The distribution of population, introduced by an elementary treatment of the topographical, climatic, and other factors which influence the settlement and development of human communities—A brief account of racial distribution—The areas of exceptionally dense and exceptionally scanty population—Predominantly agricultural, industrial, mining, and fishing regions—The advantages of trade—The position of the great trading centres and seaports—

The more important trade routes by land and sea, and the developing air routes—The more important political divisions of the World, with special attention to the British Empire.

B. *Regional Geography.*

The countries around the North Atlantic: Canada, the British Isles, the United States of America, and France, taken in decreasing order of detail. Position, physical features, climate, natural resources, and, in outline, the history of development, as influencing the present distribution of population, and the occupations, trade, and life, of the people.

Candidates may be asked to insert required data on a blank map of Canada and to show familiarity with such geographical forms and forces as may be exemplified in their home district. They will be expected to be able to illustrate, when suitable, their answers by simple sketch maps.

German.

Texts:—(Translation and grammatical study):—

Guerber, Märchen and Erzählungen Vol I. (Heath), the following stories: Jakobs Haus.—Die drei Schläfer.—Der Riese und das Kind.—Der Pfeifer von Hameln.—Undank ist der Welt Lohn.—Die Prinzessin, die nicht Lachen Wollte.—Das gestohlene Kind.—Die Waldfrau.—Der Rekrut auf Philippsburg.—Das Reiterbild in Düsseldorf.—Die Reise des Züricher Breitopfes; and *either* Baumbach, Der Schwiegersohn (Copp, Clark Co.) *or* A. Sapper; Frieder, Im Thüringer Wald (F. S. Crofts & Co., New York, 1934).

Grammar:—A thorough knowledge of German accidence and syntax.

Translation at Sight into English of a German passage of moderate difficulty.

Translation into German of detached English sentences and of an easy English passage. Material for such translation is selected with a view to exemplifying the points of grammar included within the above limits.

Two papers; one on prescribed texts and grammar, including translation of short English sentences into German, and one on translation of continuous passages from German into English and from English into German.

Greek.

Texts: Colson, Greek Reader (Macmillan) Parts III, IV, V,

Rennie, "Selections from Homer". Iliad, 6, lines 369 to 502; Iliad 22, lines 248 to 363; Odyssey 9, lines 287 to 306, 345 to 414 and 437 to 472; Odyssey 10, lines 210 to 243.

Grammar:—Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

Translation at Sight from Greek into English.

Two examination papers; one on Colson and Composition; the other on Homer and Translation at Sight.

History.

General History from 1618–1914

or

British History from 1714–1914

One examination paper.

Rigid adherence to any one author or to any one book is quite undesirable. Instead, a broad and extensive basis of reading and study should be encouraged, provided always that the standard of historical scholarship normally recognized as applicable to the last two years of secondary work is not exceeded.

For both the European Continent and the British Isles a descriptive knowledge of the principal physiographical features and their historical influence is assumed; also a similar descriptive knowledge of races and nationalities with their geographical distribution and inter-relations.

Candidates should be trained in an elementary technique in dividing their subject as a whole into successive periods or eras. For each successive period this elementary technique should be carried to a point at which a candidate is equipped to indicate the following: 1,—the prevailing and distinctive characteristics of a period together with the transitional influences leading to the next; 2,—the political and other movements common to several countries at the same time; 3,—the history of individual countries or States both large and small, when these are of outstanding importance; 4,—the changing views of the nature of the State and of the nature of government and public authority; 5,—international relations and foreign policy in general; 6,—the Balance of Power, the purposes and objects of wars, military and naval history, treaties of alliance and of peace; 7,—such leading topics as the Eastern Question, Mediterranean rivalry, the Rhine as a frontier, the Polish and the Irish Questions, etc. Religious changes and the history of Churches should be viewed in the light of their relations

with the State as well as of their broader connections with society. A beginner's acquaintance should be sought with different ways of political thinking involved in such schools of thought as Liberalism, Conservatism, Reaction, Socialism, Imperialism, Nationalism, etc. To these should be added an elementary study of commerce and commercial rivalry, of transport and transportation routes, together with an outline sketch of the progress of science, of industry and industrial life, of education, letters, and the fine arts. For the British Isles, industry, industrial life and constitutional development are naturally to be stressed.

A supplementary use of biographies and of historical fiction is strongly advised. To this end the following are recommended for supplementary reading. It is suggested that they be used and discussed with close reference to class work. At least one from each group should be read and a general knowledge of the three books chosen will be assumed for the examination.

General History

(a)	R. Lodge	Richelieu (Macmillan).
	Macaulay	Frederick the Great (Everyman).
	Young	Travels in France (Bohn's Popular Library).
(b)	H. Fisher	Napoleon (H.U.L.)
	J. Holland Rose	The Personality of Napoleon (Bell).
	E. Ludwig	Bismarck (Allen & Unwin).
(c)	Bolton King	Mazzini (Everyman).
	G. M. Trevelyan	Garibaldi and the Thousand (Nelson).
	Ramsay MacDonald	The Socialist Movement, 1835–1911 (H.U.L.)

British History

(a)	Horace Walpole	Selected Letters (Everyman).
	G. O. Trevelyan	C. J. Fox (Longmans).
	J. Holland Rose	A Short Life of Pitt (Bell & Co.).
(b)	J. L. and B. Hammond	The Village Labourer (Longmans).
	Disraeli	Sybil (Macmillan).
	Cobbett	Rural Rides (Everyman).
(c)	Lytton Strachey	Queen Victoria (Harcourt).
	R. Barry O'Brien	John Bright (Murray).
	G. B. Shaw	John Bull's Other Island (Constable).

Italian ***(for admission to the Faculty of Music only).***

Prescribed texts:—Bowen's Italian Reader (Heath); Manzoni, I promessi sposi.

Grammar.—A thorough knowledge of Italian accidence and of those points of syntax which are of more frequent occurrence in an ordinary easy style.

Translation at Sight into English of an Italian passage of moderate difficulty.

Translation into Italian of detached English sentences and an easy English passage. Material for such translation is selected with a view to testing the candidate's general knowledge of Italian grammar.

Two papers will be set; one on grammar, including translation of short English sentences into Italian, and one on translation of continuous passages from Italian into English (from prescribed texts) and from English into Italian.

Latin.

Texts (Translation and Grammatical study).

For 1939.

Cicero, In Catilinam 1 and 4 (omitting Chapter VI in each speech); Virgil, Aeneid, Book I.

For 1940.

Latin Prose and Poetry (Bonney and Niddrie): Part I: Caesar, II, IV, V: Nepos, I, VII, VIII: Phaedrus, III-V: Virgil, I-VIII: Ovid V, VIII, X. Part 2: Cicero, P. 133, I-V, Letters VI, VIII: Livy, IV, V, VIII, XIII, XIV: Pliny, I, VI, VIII, IX, XII: Vergil Georgics II, III, V, Aeneid, III, VI: Horace, IV, VI, VII, VIII: Martial, I-X.

Grammar.—Knowledge of grammar will be tested by translation and composition, and by grammatical questions based on the specified texts.

Translation at Sight from Latin into English.

Composition.—Translation into Latin of detached English sentences and easy narrative.

Two examination papers; one on Cicero and Composition, and the other on Virgil and Translation at Sight.

NOTE.—The "Roman" method of pronouncing Latin is recommended.

Elementary Mathematics.

Algebra.—Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations of one or more unknown quantities, ratio and proportion, as in Hall and Knight's Elementary Algebra. Chapters I to XXXII (omitting portions marked with an asterisk and Arts. 303-311), or as in similar text-books.

One examination paper.

Geometry.—The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimetres and millimetres, a set square, a protractor, compasses, and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the text-book prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Text-book recommended:—Hall and Stevens' School Geometry, pp. 1-203, 219-265, 267-276 and Theorems 69, 70, 71, 72.

One examination paper.

Intermediate Mathematics.

Algebra.—The three progressions, variations, permutations and combinations, binomial theorem, logarithms, theory of quadratic equations, as in the remainder of Hall and Knight's Elementary Algebra (omitting chaps. 40 to 44 inclusive), or as in similar text-books.

One examination paper.

Geometry.—As in Hall and Stevens' School Geometry, pp. 192-322, or as in similar text-books.

Trigonometry.—Measurements of angles, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle; as in Lock's Elementary Trigonometry, Chaps. I to XII; Hall and Knight's Elementary Trigonometry, Chaps. I to XII, inclusive; Hall and Knight's Elementary Trigonometry, revised Canadian edition, Chaps. I to X, inclusive; or as in similar text-books.

Geometry and Trigonometry will be included in one examination paper.

Four-figure mathematical tables will be provided.

Music.

The Intermediate Grade Certificate of McGill University in practical subjects and the Junior Grade Certificate in theoretical *or* vice versa. (Details will be found in the Announcement of the Conservatorium of Music.)

Physical Geography.

(*See under Geography, page 89.*)

Physics.

The following are the main topics required in Mechanics, Heat, Electricity and Magnetism. There is one examination paper.

Mechanics.

Measurements of lengths, areas, volumes. The beam and spring balances.

Uniform and uniformly accelerated motion in a straight line; Newton's laws of motion and simple applications of them. Motion under gravity; the law of gravitation. Moments of forces; composition of parallel forces, equilibrium of forces (parallelogram and triangle laws); centre of gravity. Work, energy, power. Sliding friction. Mechanical Advantage of a machine: levers, pulleys, wheel and axle, differential pulley and differential wheel and axle, inclined plane, wedge, screw. Density and specific gravity. Fluid pressure, Pascal's law: hydraulic press. Relation between pressure and depth. Buoyancy; Archimedes' Principle; floating bodies. Measurement of specific gravity of solids and liquids: specific gravity bottle, hydrometer.

Weight and pressure of air; barometers, determination of altitude. Boyle's Law. Air pumps and compressors. Pressure gauge. Suction and Force pumps, siphon.

Surface tension and capillarity (qualitative treatment).

Heat.

Elementary ideas of the structure of matter. Sources of heat. Temperature; construction of a liquid in glass thermometer, fixed points, graduation; Centigrade and Fahrenheit scales. Expansion of solids, coefficient of linear expansion; expansion of liquids, anomalous expansion of water. Expansion of gases, Charles' Law, absolute temperature.

Heat quantity and its measurement in calories and B.T.U., specific heat, capacity for heat: calorimetry by method of mixtures. Change of State: fusion and solidification; effect of pressure on melting point; heat of fusion; freezing mixtures; vaporization, rate of evaporation, saturated vapour, boiling, effect of pressure change (including altitude); heat of vaporization of water; cold by evaporation. Condensation of water in the air; dew point; relative humidity, wet and dry bulb hygrometer; humidity and health; atmospheric phenomena—fog, clouds, dew, frost, rain, snow, hail.

Mechanical equivalent of heat; steam engine.

Conduction of heat, solids, liquids and gases; convection, currents in fluids, winds; radiant heat, emission and absorption; heating of buildings, ventilation: refrigeration.

Magnetism.

Natural and manufactured magnets; polarity, attraction and repulsion. Magnetic induction, magnetic field. Molecular theory. The earth as a magnet; compass, declination, dip.

Static Electricity.

Electrification by friction, attraction and repulsion, two kinds of electrification; conductors and insulators; electrons; gold leaf electroscope. Electrification by contact and induction; testing charge on a body; induced charge equal to inducing charge; charges by friction equal and opposite; charges reside on outside of empty hollow conductor. Action of points, lightning rods. Potential, capacity, condensers, Leyden jars.

Current Electricity.

Magnetization of steel by discharge of Leyden jar.

Voltaic cell, electric circuit, series and parallel arrangements. The magnetic, chemical and thermal effects of a current; Oersted's experiment, magnetic field due to a straight wire, circular wire, and helix; polarity. Action of one current on another, Ampère's Laws. Tangent and moving coil galvanometers. Electromagnet. Electric bell and tele-

graph. Electrolysis of water, laws of electrolysis, coulomb, measurement of current; electroplating. Voltaic cell, chemical action, electromotive force, polarization, local action. Leclanche and dry cells. Storage cells, lead accumulator. Heat developed by current; electric iron, fuses, incandescent lamp and arc light. Ohm's Law; practical units, ampere, volt, ohm; fall of potential in circuit, method of substitution for measuring resistance. Law of dependance of resistance on length and cross-section of cylinder. Work done in a circuit, rate of working in circuit and in lamp. Ammeters and voltmeters.

Electromagnetic induction: Faraday's experiments. Induction coil. Dynamo, armature, field magnets, commutator for d.c. Electric Motor, transformer, telephone.

Spanish.

Two papers will be set, containing (1) questions on grammar and syntax, (2) passages for translation from prescribed texts, (3) unseen translation from Spanish into English, and (4) translation from English into Spanish.

Texts prescribed:—Alvarez Quintero: La Flor de la Vida (Heath & Co.). El padre Isla: Gil Blas de Santillana (Macmillan).

SENIOR MATRICULATION

For admission to the Second Year of the Faculty of Arts and Science (see also page 153), and to the First Year of the Faculty of Engineering.

Only in exceptional circumstances is a candidate who has not passed the Junior Matriculation, or an equivalent examination, admitted to the Second Year by Senior Matriculation.

For Junior Matriculation see page 79.

REGULATIONS

To obtain the Senior Matriculation Certificate a candidate must pass in each of the required Papers (see below), and must complete the examination within a period of sixteen months.

The pass mark in each paper is 50%.

The University cannot promise to admit every candidate who has passed the Senior Matriculation Examination (see page 152).

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the Senior Matriculation requirements:—

Province of Quebec.

Twelfth Year Certificate.

Province of Ontario.

Upper School Certificate.

Province of Nova Scotia.

Grade XII Certificate.

Province of Prince Edward Island.

Third Year Certificate of the Prince of Wales College.

Province of Manitoba.

Grade XII Certificate.

Provinces of Alberta and Saskatchewan.

Grade XII Certificate.

Province of British Columbia.

Senior Matriculation Certificate.

Newfoundland.

Senior Matriculation Certificate.

Great Britain.

The Higher Certificates of:—

The Oxford and Cambridge Schools Examination Board.
The Oxford Local Examination Board.
The Cambridge Local Examination Board.
The Northern Universities Joint Examination Board.
The Central Welsh Board.
The University of Durham.
Bristol University.
The University of London.

In addition, pupils of recognized British Public and Secondary Schools who have obtained their School Certificates with the requisite credits, may be admitted to the Second Year without further examination, if they have satisfactorily completed at school a year's work beyond the School Certificate in the subjects of the McGill Senior Matriculation, and are specially recommended by their headmasters or headmistresses.

REQUIREMENTS

I. Arts Division

For admission to the Second Year of the B.A. courses.

English.
Latin *or* **Greek.**
Mathematics *or* **a third foreign language.**

Any two of the following:—

1. **History.**
2. **Latin** *or* **Greek** (the one not already chosen).
3. **French.**
4. **German.**
5. **Spanish.**
6. **Science (Physics** *or* **Chemistry** *or* **Biology).**

Candidates cannot substitute a third foreign language for Mathematics unless they have passed in the Mathematics prescribed for Junior Matriculation.

II. Science Division

For admission to the Second Year of the B.Sc. courses.

Chemistry.
English.
French *or* **German.***
Mathematics.
Physics.

III. Commerce

For admission to the Second Year of the B.Com. courses.

English.
Mathematics.
French *or* **German** *or* **Spanish.**
Accountancy.

Any two of the following:—

1. **Latin** *or* **Greek.**
2. **French** *or* **German** *or* **Spanish** (one not already chosen).
3. **Physics** *or* **Biology** *or* **Chemistry.**
4. **History.**

*A candidate who has passed in Junior Matriculation French may satisfy the Senior Matriculation B.Sc. or B.Eng. German requirement by passing the Junior Matriculation examination in this subject with a pass mark of 50% in each paper.

IV. Engineering

For admission to the First Year of the Faculty of Engineering.

Chemistry.
English.
Mathematics.
Physics.
Biology *or* **French** *or* **German*** *or* **Greek** *or* **History** *or* **Latin** *or* **Spanish.**

Students who intend to take Chemical Engineering are advised to write the examination in German.

REQUIREMENTS IN EACH SUBJECT

(For the examinations in June and September 1939)

Accountancy.

Double-Entry Book-keeping, including all subsidiary books and ledgers, up to and including the use of Control, Total or Balancing Accounts; closing off of ledgers; preparation of Trading and Profit and Loss Statements and Balance Sheets.

Books specially required.

Cash-Book suitable for an office, where all cash and cheques received are banked daily, all payments above a certain amount are made by cheque, and all lesser payments through petty cash. Cashier to be able to show the balance in the bank at any time at very short notice.

Cash-Book suitable for an office, where sums of cash are kept in the office, in addition to petty cash, and deposits in bank do not include whole of receipts. Cashier to be able to show balances of cash, etc., in office and in bank at any time, and at very short notice.

Departmental Sales and Purchases Journals for recording transactions in different classes of goods.

General Journal ruled so as to segregate items according to ledgers into which they are to be posted, in order that totals may be posted to control accounts.

Other matters specially required.

Bills and Notes Payable Registers.
Imprest System of Petty Cash.
Reserves for Bad Debts, Discounts and Depreciation.
Inward and Outward Consignments.
Inward and Outward Freight on Merchandise purchased and sold.
Accrued Expenses and Deferred Charges.
Single Entry Book-keeping.
Use of Working Sheets.

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*A candidate who has passed in Junior Matriculation French may satisfy the Senior Matriculation B.Sc. or B. Eng. German requirement by passing the Junior Matriculation examination in this subject with a pass mark of 50% in each paper.

Candidates may be required to define and explain such as the following:—

Invoices; I.O.U's; Promissory Notes; Bills of Exchange and parties thereto; Acceptances, Endorsements, etc.; Cheques; Bills drawn in a Set; Bills of Lading; Capital and Revenue Receipts and Expenditure; Current and Fixed Assets; Capitalization.

Marking is arranged so as to prevent any candidate obtaining a pass unless he has shown that he has a sound knowledge of what is outlined in the first paragraph. No candidate is passed who does not show that he understands Control Accounts and their uses. For this purpose subsidiary ledgers and their control accounts in the General Ledger must be shown in full: in addition, the books of original entry must be so ruled and organized that they will produce the required figures no matter how large may be the quantity of items dealt with.

One examination paper.

Biology.

The botanical part of this syllabus is the same as for Junior Matriculation Botany (p. 84) with the following modifications:—

a) further knowledge of the ecological interrelation of plants and animals is required.

b) knowledge of the characteristics of particular families of flowering plants is *not* required.

In order to fulfil the requirements of the syllabus satisfactorily, pupils must undertake individually the dissection of animals, section-cutting of plant tissues, miscroscopic examination of small organisms and tissues, and simple physiological experiments.

A more intensive study of the Junior Matriculation syllabus is expected, with extension along the following lines:

I. The structure, life-history, principles of classification and evolutionary relationships of the following, based on practical study:

Plants:

Thallophyta: Algæ—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria.
Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi including at least one parasitic form.
Lichens—general.

Bryophyta: A Liverwort, a Moss.

Pteridophyta: A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.
Angiosperms —a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

Animals:

Protozoa—Amœba, Euglena, Paramœcium, Plasmodium.
Cœlenterata—Hydra, Obelia.
Platyhelminthes—Fasciola, Tænia.
Annelida—Lumbricus, external characters of a Polychæte.
Arthropoda—Crayfish, Grasshopper.
Mollusca—Clam or Snail.
Cephalochorda—Amphioxus.
Pisces—Dogfish.
Amphibia—Frog.
Mammalia—Rabbit or Rat, skull of Dog or Cat.
Comparison of the various organ-systems in the animals listed.
Asexual and sexual reproduction. Alternation of Generations.
Elements of vertebrate embryology as found in the developing Frog and in the Chick (up to end of third day of incubation), to be studied practically.

II. Physiology: structure in relation to function.

Plants—Microscopic structure of a typical leaf, root, herbaceous stem and woody stem studied in relation to the functions of the organ and its parts.

A fuller knowledge of the principal physiological processes as outlined in the Junior Syllabus. This should be based on simple experiments carried out by the student, which he may be asked to describe.

Animals—The chief physiological processes, as outlined in the Junior Syllabus, should be studied more fully and comparatively in all the types listed in Section 1.

Tissues and organs and their functions as observed in Vertebrates.

Respiratory pigments. Vitamines, Hormones. Commensalism. Parasitism.

III. Field Natural History and Ecology.

This should be extended beyond the Junior Syllabus to include study of several biotic communities of the neighbourhood, with some knowledge of the dominant plants and animals in each and their relation to one another and to the physical environment.

Life zones and living natural resources of Canada.

IV. Heredity and Evolution.

The main principles of heredity and variation among plants and animals.

Cytological basis of heredity.

Evidences of organic evolution.

Chemistry.

Text-book:—Schlesinger, General Chemistry (1930), omitting pages 328-343, 409-444, 495-507, 517-574, 710-739, 744-747.

Laboratory Manual: Evans, Hatcher, and Steacie, Laboratory Exercises in General Chemistry, is recommended.

One examination paper.

The student's notebook, setting forth his own laboratory work, certified by the Instructor and Principal of the School, must be forwarded before the examination to the Registrar for the examiner's evaluation.

Minimum laboratory work required: 20 experiments.

English.

Composition.—The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

Literature.—Candidates will be expected to have a general elementary knowledge of English literary history from the time of Chaucer, and the examination will be based upon a list of readings which may be obtained from the Registrar's Office.

French.

Lavisse, Histoire de France, Cours Moyen; Maupassant, Huit Contes Choisis; Jules Verne, Le Tour du Monde (Heath); Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford).

Translation at Sight from English into French and from French into English.

Two examination papers.

Oral Examination: An oral examination is held in centres where this is possible, and students intending to study French at the University are strongly advised to take this examination. The oral examination is given *in addition to* the two papers, and, when offered, counts for half the marks in the subject.

German.

Baumbach, Waldnovellen (Heath); Riehl, Burg Neideck (American Book Co.); Hauff, Das Wirtshaus im Spessart (Cambridge University Press).

Translation at Sight from German into English and from English into German.

Two examination papers: one on prescribed texts and one on translation of unseen passages from German into English and from English into German.

Greek.

Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

The examination will include a paper on grammar, composition and sight translation.

Two examination papers.

History.

General History of Europe from the break-up of the Roman Empire to 1914.

In point of extent the examination will include the history of Europe from the break up of the Roman Empire to 1914. An advanced outline knowledge of the fifteen centuries involved is assumed, following the general considerations laid down for the study of the briefer period, 1618-1914 in the Junior matriculation requirements. (See

page 91.) Candidates are expected to have read extensively selected documentary sources; to this end constant reference to some collection of documentary sources is essential. Regular use of an historical atlas of high standard is likewise essential. Stress should be laid, as far as possible, upon the institutional side of historical change, and upon the importance of institutions, political and otherwise, in the social structure. Candidates should have acquired proficiency in describing and explaining, with the correct use of elementary technical terms, the organisation of European society at any given period, and the changes in organisation from one period to another.

An elementary institutional knowledge should be shown in the discussion of such topics as: the civilising mission of the Church in the Dark Ages; feudal and manorial society and mediaeval town life; the City-States of Renaissance Italy with their cultural and economic interests; the emerging of the monarchical-national State; the era of overseas discovery, exploration and settlement; the Protestant revolt and Catholic reaction with their ensuing wars; the regime of unlimited monarchy; the rise of democracy, the Napoleonic period; the influence of 19th century nationalism; and the adjustment of the Balance of Power leading to the outbreak of the World War.

Candidates should read at least one of the works in each of the following groups:—

(1) Einhard's Life of Charles the Great (tr. S. E. Turner, American Book Co., or W. Glaister, Bell & Son); Memoirs of the Crusades (Everyman's Series); Froissart's Chronicles (Everyman's Series).

(2) Machiavelli's Prince (Everyman Series); Macaulay's Essays on Machiavelli and on Ranke's History of the Popes; Motley's Rise of the Dutch Republic, Part III (Everyman's edition, vol. II).

(3) Macaulay's Essays on the War of the Succession in Spain and Frederick the Great; Carlyle's French Revolution.

(4) A. W. Kinglake's Eothen; G. M. Trevelyan's Garibaldi and the Thousand.

One examination paper.

Latin.

For 1939.

Cicero, De Amicitia, Ed. Shuckburgh (Macmillan). A book of Latin Poetry (Macmillan), Part III.

For 1940.

Cicero, Murder at Larinum (Grose-Hodge, Macmillan); A book of Latin Poetry (Macmillan), Part I.

The examination will include a paper on grammar, composition and sight translation.

Two examination papers.

Mathematics.

Algebra.—Hall and Knight's Elementary Algebra (omitting chapters 40-44, inclusive), or the same subject matter in similar text-books, and the elements of Graphical Algebra, particularly the graphs of the straight line, circle, parabola, ellipse, and hyperbola, and the curve $y = ax^3+bx^2+cx+d$, with applications to such problems as the construction of tangents and the determination of maxima and minima.

Suggested Text-book: H. S. Hall, A Short Introduction to Graphical Algebra (Macmillan).

Plane and Solid Geometry.—Hall and Stevens' School Geometry to Theorem 98, inclusive, omitting pp. 319 to 346, inclusive.

Trigonometry.—Hall and Knight's Elementary Trigonometry, Chapters I to XVI, inclusive, and pp. 198, 199, or Hall and Knight's Elementary Trigonometry, revised Canadian edition, Chaps. I to XIII, inclusive, and pp. 204, 205.

Two examination papers, one on Algebra and one on Geometry and Trigonometry.

Four-figure mathematical tables will be provided.

Physics.

One paper will be set upon a general knowledge of the more important principles of elementary physics, the scope being that of Mendenhall, Eve, and Keys, College Physics (Heath) or of any equivalent text-book.

Laboratory Work:—Experiments should be performed equivalent to those outlined in an Elementary College Course in Experimental Physics (Renouf Publishing Co.). The student's notebook setting forth his own laboratory work, certified by the instructor and by the principal of the school, must be forwarded before the examination to the Registrar for inspection.

Spanish.

Two papers will be set as in the Junior Matriculation, but the examination will be of a more advanced character.

Prescribed texts:—Baroja's "Zalacaín el aventurero", (Heath & Co.); A. Palacio Valdés, A cara o cruz, (Macmillan).

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS AND LOAN FUNDS

I. GENERAL STATEMENT

1. **General Regulations**
   (1) Scholarships are awarded and bursaries and loans granted only to students taking a regular course leading to a degree or diploma.
   (2) Scholarships are awarded only if an adequate academic standard is attained.
   (3) The annual income of scholarships and bursaries is usually paid in two instalments, in October and February, about the 20th of each month.

2. **University Scholarships**
   (1) Certain scholarships implying exceptionally high achievement are designated "University Scholarships" by Senate.
   (2) The winner of a University Scholarship receives the title and status of a "Scholar of the University." Winners of other scholarships do not receive this title or this status.
   (3) Each University Scholarship is of a certain maximum amount, but the amount actually awarded depends upon the financial needs of the winner.

3. **Bursaries**
   (1) Bursaries are grants in aid of students of good scholarship who need such assistance to enter the University or to complete their course.
   (2) The amount of a bursary varies with the need established.
   (3) A bursary is renewable upon application and is tenable normally until the student has qualified for his degree or diploma, subject always to the dual condition that the need for it continues and that the standing of the student satisfies the University.
   (4) The holder of a scholarship may apply for an additonal bursary.

4. **Loans**
   (1) Loans are made to students whose academic standing satisfies the University and who can show financial need.
   (2) Loans are made on the basis of an agreement between the applicant, or in some cases, a sponsor of the applicant, and the University. No collateral is required. Ordinarily loans bear interest at the rate of 3%, but a student while proceeding to his degree or diploma pays 2%. The amount of the loan, the date

and manner of its repayment are determined in each individual case and made part of the agreement, and these terms are such as to secure prompt and regular repayment, so that the debt is fully discharged at the earliest possible date and ordinarily not later than five years from the date of the loan.

5. **Interviews**
Awards and grants of money are made only after a personal interview unless this requirement is explicitly waived.

6. **Applications and Enquiries**
Unless otherwise stated below, applications for scholarships and all enquiries about them should in the first instance be made to the Registrar.
Applications from students already in the University for bursaries and loans should be made through the Deans of Faculties or the Directors of Schools.
Applications from students not yet registered in the University, whether for scholarships, bursaries, or loans, should be made to the Registrar.

II. ENTRANCE SCHOLARSHIPS AND BURSARIES

A. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

Awarded on the result of a special examination in March or April

(1) University Entrance Scholarships and Bursaries

The University offers not less than four University Entrance Scholarships, each with a maximum value of $300 a year (see below), together with a limited number of bursaries of smaller value*, tenable either in the Faculty of Arts and Science or in the Faculty of Engineering, and renewable annually provided that the holders continue to merit the award.

Candidates for these scholarships and bursaries will be required to write in March, 1939, a special Scholarship Examination, distinct from any matriculation examination. (This examination is described on page 110.)

(2) Eligibility

These scholarships and bursaries are intended for pupils of Public and Private Schools in Canada or elsewhere, but the University may, in exceptional cases, accept applications from other candidates.

Men and women are eligible on equal terms.

*See also the Sir William Macdonald Entrance Scholarships and the Beatty Scholarships on page 113 and the Canadian Pacific Railway Scholarships on page 114.

Applications will normally be accepted only from students who will be under the age of 20 on 1st October, 1939. In exceptional circumstances the University may waive this rule.

(3) The Title of "Scholar"

The winner of a University Scholarship is given the title of "Scholar." His name is printed as such in the Calendar and he has the status of a Scholar within the University.

After entering the University the winner of a University Scholarship is not required to take honours in the subjects he chose in the special examination, and may be permitted to take the general course.

(4) Financial Need

Subsequent to the examination the University may require the submission of evidence that the candidate needs the money award to further his educational interests. This evidence will normally include a statement from a parent or guardian. Whenever possible, moreover, the candidate will be interviewed. Financial need will in no case affect the University's decision as to the winner of a scholarship, but may influence the amount of the award.

The amount of the award made to any Scholar will not be published.

In special cases the University may consider an application from the winner of a scholarship for additional assistance.

(5) The Special Examination

Each candidate will be required to write an English Essay and three other papers chosen from the list below:

English	Mathematics
French	Physics
German	Chemistry
Spanish	Botany
Greek	Zoology
Latin	*Biology

History (one paper chosen from (*a*) Ancient History, (*b*) General History, (*c*) British History)

*NOTE:—A student offering Biology may not offer either Botany or Zoology.

The winner of a scholarship must also satisfy the regular requirements for entrance to the University.

(6) The Character of the Examination

The examination is designed for pupils who are preparing for the recognized Junior or Senior Matriculation Examinations, but will be of a different nature from these.

It is intended to give candidates an opportunity of showing knowledge and intrinsic ability in a selection of subjects chosen by themselves.

Each paper will be on the subject and not confined to a particular syllabus or text-book. There will, moreover, be a choice of questions so that candidates may write on topics in which they are particularly interested, and any really first-class pupil preparing for one of the recognized examinations should be able to do himself justice in the examination.

(7) The Scope of the Papers

The Language Papers

The candidates who write the language papers will be expected to show familiarity with the language and some acquaintance with its literature. The questions will include unseen passages for translation into and from the language, and may also include an essay to be written in the language.

Biology

The fundamental facts of morphology, physiology, and taxonomy as seen in animals and plants. Life-histories; heredity; organic evolution.

Botany

The examination in Botany may include questions on the form, structure, and work of plants, especially higher plants, and on the distinguishing characters of the main groups of plants and of the commoner families of flowering plants.

Chemistry

General Inorganic Chemistry.

English

A general paper to test the student's literary ability and powers of interpretation rather than his knowledge of particular texts or of literary history.

French

The paper will include an essay to be written in French, and passages for translation.

German, Spanish

(See above under "The Language Papers.")

History

One paper chosen from

(*a*) Ancient History to the fall of the Roman Empire, 476 A.D.
(*b*) General European History, 1453-1914.
(*c*) British History, including the history of the Empire, 1485-1914.

Latin and Greek

Prose composition, sight translation, and grammar questions.

Mathematics

Algebra: Up to and including the binomial theorem, and logarithms.

Geometry: Plane geometry up to and including similar figures.

Trigonometry: Up to and including the solution of triangles without logarithms.

Physics

Mechanics, Heat, Electricity and Magnetism, Light, and Sound. Optional questions will permit a candidate to confine his attention to a limited number of these fields of study.

Zoology

The fundamental facts of morphology and physiology as seen in the chief groups of the animal kingdom. Life-histories; elements of embryology; heredity; organic evolution.

(8) School Record and Confidential Report

The candidate's school record covering at least the previous two years should be submitted with the application form. Each candidate should also ask his school principal to send directly to the Registrar of the University a confidential letter concerning the candidate.

The Selection Committee will also take into account the matriculation results of the candidates, and the winners will not be announced until these results are available and have been examined by the Committee.

(9) Places of Examination

Candidates in the Montreal district may write at the University.

Principals of schools desiring to hold the examination in their schools should apply to the Registrar before 27th February, 1939. In such centres the Principal of the school will be expected to assume responsibility for the conduct of the examination to the satisfaction of the University, and will appoint the invigilator who would ordinarily be a member of the teaching staff of the school.

(10) Time-Table of the Written Examination for 1939

Wednesday,	29 March	9–12 a.m.	Essay
		2– 5 p.m.	French
Thursday,	30 March	9–12 a.m.	Mathematics
		2– 5 p.m.	English
Friday,	31 March	9–12 a.m.	History
		2– 5 p.m.	Physics
Saturday,	1 April	9–12 a.m.	Chemistry
		2– 5 p.m.	Greek
Monday,	3 April	9–12 a.m.	Latin
		2– 5 p.m.	Botany; Biology
Tuesday,	4 April	9–12 a.m.	German
		2– 5 p.m.	Zoology
Wednesday,	5 April	9–12 a.m.	Spanish

Candidates will be allowed three hours for each paper.

(11) Application Forms

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than Monday, 27th February, 1939.

B. OTHER ENTRANCE SCHOLARSHIPS AND BURSARIES

Unless otherwise stated, applications for these scholarships must be made to the Registrar before August 1st.

Unless otherwise stated, the word "Matriculation" is used below to denote either the University Matriculation Examination or the Provincial High School Leaving Examination, both of which are recognized for entrance scholarships.

Applicants who have written the High School Leaving Examination should send a certified copy of their examination marks to the Registrar's Office before August 1st.

THE SIR WILLIAM MACDONALD ENTRANCE SCHOLARSHIPS IN ARTS AND SCIENCE.—Four scholarships of $125 each endowed by Sir William Macdonald and open only to men are awarded upon the results of the Special University Entrance Scholarship Examinations. (See page 110.)

THE BEATTY SCHOLARSHIPS.—Two scholarships, one in Classics (Greek and Latin) and one in Mathematics, of the value of $600 each, have been founded by Sir Edward Beatty, Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science. Candidates are required to write the University Entrance Scholarship Examinations in March (see page 110). Candidates for the scholarship in Classics must include Greek and Latin among the three optional papers they write and candidates for the scholarship in Mathematics must include the paper in this subject. The scholarships are awarded primarily for ability in either Classics or Mathematics, but the work of the candidates in the other papers may be taken into account, together with their school and matriculation records. The winner of a Beatty Scholarship on entering the University need not necessarily take courses leading to honours in Classics or in Mathematics, but may enter any course in the Faculty for which he is qualified.

Applications must reach the Registrar's Office before 27th February.

These scholarships are open only to male students, educated in Canadian schools, whose parents are British or Canadian born.

THE HON. ROBERT JONES BURSARY.—Valued at $120 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering."

Application for this scholarship should be made before August 1st through the Dean of the Faculty of Arts and Science or Engineering, as the case may be. The scholarship is not continued if the standing of the holder proves to be unsatisfactory.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—One entrance scholarship of $100 for one year is available in the Faculty of Arts and Science.

One bursary of $100 is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

For the first twenty-five years students of Scottish extraction will be given the preference (1923-1947).

*THE OTTAWA VALLEY BURSARIES.—These three bursaries are:—

1. The P. S. Ross Bursary, of the value of $100, founded by Mr. P. D. Ross, B.A.Sc., in memory of his father, the late Mr. P. S. Ross.
2. The Ottawa Valley Graduates' Society Bursary of the value of $75.
3. The Dr. H. Ami Bursary, of the value of $50, given by Mrs. H. Ami in memory of her husband, the late Dr. H. Ami.

These bursaries are given through the Ottawa Valley Branch of the Graduates' Society and are open only to bona fide residents of the Ottawa Valley. The winners are selected by the University from candidates who have written (1) The McGill Junior Matriculation Examination or (2) The Quebec High School Leaving Examination or (3) The Ontario Middle School Examination or (4) The McGill Senior Matriculation or (5) The Ontario Upper School Examination.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—Scholarships covering one year's tuition in the Faculty of Arts and Science and four in Chemical, Civil, Mechanical, or Electrical Engineering, or five years in the School of Architecture, or four years' tuition in the Arts Division of the Faculty of Arts and Science, or in the School of Commerce, are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons of employees. The method of award is that of the University Entrance Scholarships described on page 110, each candidate being required to write the English Essay and three other papers and to submit his school record and a letter from his Headmaster (see page 112). Forms of eligibility and full particulars as to the number of scholarships available, etc., may be obtained from Mr. F. J. Curtis, Staff Registrar and Secretary, Pension Department, C.P.R. Offices, Montreal. Applications accompanied by statements of eligibility from Mr. Curtis, must reach the Registrar's Office before 27th February.

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* *Tenable also at Macdonald College.*

THE SIDNEY J. HODGSON SCHOLARSHIPS.—Two scholarships, of approximate values $200 and $150 respectively, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sidney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to pupils of Westmount High School who have been in attendance for at least one year, and are awarded on the result of the June Matriculation Examination to the two pupils who obtain the highest and the second highest percentage, respectively, on the subjects required for entrance to the Faculty of Arts and Science, and who attend the University during the ensuing session.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—This scholarship has an approximate value of $140 and is awarded annually to a "matriculated student in Arts and Science whose parents reside in the District of Bedford and whose candidature has been approved by a committee of the Society."

NARCISSA FARRAND (MRS. N. PETTES) SCHOLARSHIP.—This scholarship, of not less than $300 ($150 for two years), founded by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., and endowed by them with the sum of $7,000 out of the Narcissa Farrand Fund, is awarded annually to the candidate from the Eastern Townships who obtains the highest marks at the Arts and Science Matriculation Examination in June, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination.

THE GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—Founded in 1913 by certain friends and former pupils of the late Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $100, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June Matriculation Examination and enters the Faculty of Arts and Science.

*THE ISABELLA C. MACRAE SCHOLARSHIP.—This scholarship of $125 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

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* *Tenable also at Macdonald College.*

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIP (see page 126).

*THE CHRISTIE-STORIR CHAPTER SCHOLARSHIP.—A scholarship of the value of $150 is given by the above-named Chapter of the I.O.D.E. to the pupil of St. Lambert High School who stands highest in the June Matriculation Examination each year, provided that the pupil's aggregate is at least 700 marks out of a possible 1,000.

THE UNITED THEOLOGICAL COLLEGE SCHOLARSHIPS.—The Board of Governors of the United Theological College offers scholarships for the payment of fees of undergraduates in Arts and Science who are registered at this College as in training for the study of theology with a view to the Christian Ministry and who have passed with credit the sessional examinations. For particulars, application should be made to the Principal, 3506 University Street, Montreal.

PRESBYTERIAN COLLEGE SCHOLARSHIPS.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations. For further particulars, application should be made to the Principal, the Presbyterian College, 3485 McTavish Street, Montreal.

UNIVERSITY BURSARIES (see page 117).

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 117).

*LEONARD FOUNDATION SCHOLARSHIPS (see page 117).

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* *Tenable also at Macdonald College.*

III. SCHOLARSHIPS, BURSARIES, LOAN FUNDS, MEDALS AND PRIZES OPEN TO UNDERGRADUATE STUDENTS REGISTERED IN THE UNIVERSITY

A. OPEN TO STUDENTS IN ALL FACULTIES

UNIVERSITY BURSARIES.—The University has established a number of bursaries open to students in all faculties and schools. The general regulations governing the award of these are stated on page 109. Application must be made on a special form and forwarded through the dean of the applicant's faculty or the director of his school. Students entering the University apply through the Registrar's office. The forms may be obtained from the offices of deans and directors or from the Registrar's Office.

*SIGMA ALPHA MU FRATERNITY BURSARIES.—Ten bursaries of $100 each, two for each of the five sessions from 1934-35 to 1938-39 have been given to the University by the Montreal Alumni Club of the Sigma Alpha Mu Fraternity. These bursaries are open to men students in any faculty. Need and scholarship determine the award. Applications in writing should be made to the Registrar before the end of June.

*BNAI BRITH BURSARIES.—Three bursaries of $100 each for the 1938-39 session have been given to the University by the Mount Royal Lodge of Bnai Brith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar before the end of June 1938.

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND.—This fund amounts at present to $5,800. The interest is awarded in scholarships by the Scholarships Committee subject to the following two conditions:

(i) that the scholarships may be held by undergraduates only.

(ii) that preference is given to sons and daughters of soldiers who served in the Great War.

*LEONARD FOUNDATION SCHOLARSHIPS.—The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

**These awards are also tenable at Macdonald College.*

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years."

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of His Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada (f) Members of the Mining and Metallurgical Institute of Canada.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office and must return these to the Registrar before the 15th March, 1939.

Alternatively, candidates may apply direct to Fraser S. Keith, Esq., M.E.I.C., P.O. Box 2670, Montreal.

A booklet giving further particulars may be consulted in the Registrar's Office.

Douglas Hall Scholarships.—One or more Douglas Hall Scholarships will be offered in 1938. These may be held only by students resident in Douglas Hall. The maximum value of each scholarship is the cost of board and lodging in the Hall, and the maximum value of all the Douglas Hall Scholarships together is $500. They will be awarded in accordance with the principles governing University Scholarships (see page 109). They may, at the discretion of the Scholarships Committee, be awarded either to competitors for the University Entrance Scholarships (see page 110), or to students already at the University. Applications from students already at the University should be made in writing to the Registrar before the end of May, 1938.

Douglas Hall Bursaries. These bursaries are tenable only by students resident in Douglas Hall. Applications should be made to the Warden.

LOAN FUNDS

Applications for loans should be made through Deans of Faculties or Directors of Schools.

UNIVERSITY LOAN FUND.—A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made only to students with good academic standing.

ONTARIO GRADUATES' SOCIETY LOAN FUND.—This loan fund open to students in all Faculties has been established by the Ontario Branch of the Graduates' Society.

COMMERCIAL SOCIETY LOAN FUND.—For students in Commerce (see page 127).

THE "CLASS OF 1899 FUND".—For students in Engineering (see page 133).

THE GEORGE HENRY FROST FUND.—For students in Engineering (see page 131).

THE WADDELL LOAN FUND.—For students in Engineering (see page 132).

THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—For students in Engineering (see page 132).

ROYAL VICTORIA COLLEGE LOAN FUND.—For women students in the third and fourth years (see page 126).

ROYAL VICTORIA COLLEGE ALUMNAE SOCIETY LOAN FUND.—For women students. (see page 126).

B. OPEN TO STUDENTS IN THE FACULTY OF ARTS AND SCIENCE

For details of Entrance Scholarships see pages 109 and 113.

For Scholarships open to women only see page 126.

For Scholarships, Bursaries and Loan Funds open to undergraduates in all Faculties see page 117.

For awards open to Graduate Students see page 136.

GENERAL REGULATIONS IN ARTS AND SCIENCE

1. Only students in regular undergraduate standing are eligible for scholarships.

2. Scholarships will be awarded only if an adequate standard is attained.

3. If in any college year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another year.

4. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

5. The annual income of the scholarships will be paid in two instalments, viz.:—In October and February, about the 20th of each month.

SECOND YEAR SCHOLARSHIPS

Group I.

Six scholarships usually of a minimum value of $100 each are offered to students advancing from the first to the second year for general proficiency in particular subjects of study. The awards will be made on the basis of the students' complete academic records and on recommendations from the departments in which they have taken their courses.

Group II.

The following scholarships are also offered, according to the terms indicated, to students advancing from the first to the second year.

THE CHARLES ALEXANDER SCHOLARSHIP, established in 1870 by Charles Alexander, "for the encouragement of the study of Classics and other subjects." Value $100.

THE JANE REDPATH EXHIBITION.—Founded by the late Mrs. Redpath, for the maintenance of an exhibition in Arts and Science. It is awarded on the result of the sessional examinations of the First Year to the student who makes the highest average on the year's work. Value $100.

THE BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $80.

THE MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $200, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. course in Arts and Science who obtains the highest standing in the sessional examinations of the First Year.

SCHOLARSHIPS TENABLE IN THE SECOND, THIRD OR FOURTH YEARS

Group III.

SIR WILLIAM MACDONALD SCHOLARSHIPS.—Six scholarships of $125 each are open to men students in the Second, Third, and Fourth Years for the session 1938-39.

THE SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value, $60. Open also to students in Engineering.

THE DR. BARCLAY SCHOLARSHIP.—Awarded in the Classical Department, value $50.

THE REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $200 per annum, will be equally divided each year and placed at the disposal of the Departments of English and Philosophy.

THE HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for the ministry of the Presbyterian Church or the United Church of Canada. It is open only to undergraduates in the Faculty of Arts and Science under the above restriction and is awarded on the result of the sessional examinations without regard to year. The value is about $70.00.

PETERSON MEMORIAL SCHOLARSHIP IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1899 to 1918, by his son, W. G. Peterson, M.A. This scholarship of the total value of $400 ($200 a year for two years) is open to students in any year. The winner is nominated by the Faculty of Arts and Science.

THE MARY KEENAN SCHOLARSHIP IN ENGLISH.—This scholarship is open to men students in the Department of English and is awarded to the student who, in the judgment of the Department, may receive most benefit from the award. The need of the student as well as his ability will be taken into consideration. The value of the scholarship, which will be awarded for each of five years commencing with the 1936-37 session, is $200.

THE MAJOR HIRAM MILLS SCHOLARSHIP.—This scholarship, of the value of $120 is open to students in any of the biological sciences including Anatomy, Bacteriology, Biochemistry, Botany, Genetics, Physiology, and Zoology. It is open to both men and women.

THIRD YEAR SCHOLARSHIPS

Group IV.

Eight or more scholarships usually of a minimum value of $100 each are offered to students advancing from the second to the third year in both the General Course and the Honour Courses*, on the basis of academic record and recommendations from departments.

*The subjects of study for Honour Courses are as follows:—Bacteriology, Biochemistry, Botany, Chemistry, Latin, Greek, Economics, Political Science, English, French, Geology, German, History, Mathematics, Philosophy, Physics, Physiology, Psychology, Sociology, Zoology, and combined courses in two of the above subjects.

Group V.

The following scholarships are also offered, according to the terms indicated, to students advancing from the second to the third year.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of annual value of $75, tenable for two years, will be awarded for high standing in the examinations at the end of the Second Year.

THE CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIP.—This scholarship, founded by L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of First Year Arts, who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, is of the value of $250. It is awarded annually on the results of the examinations in English and Economics of the Second Year, and is subject to the condition that the holder take an Honour Course in English, with Economics as a minor subject in his Third Year, or the Honour Course in English and Economics. It is open to male students in the Faculty of Arts and Science professing the Christian religion.

THE ALEXANDER MACKENZIE SCHOLARSHIPS.—One scholarship of the value of $215 is awarded annually on the results of the honour examinations of the Second Year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honour work in Political Science of the Third Year. (See also Group VI).

THE HANNAH WILLARD LYMAN MEMORIAL SCHOLARSHIP of the value of $80 is awarded annually to a woman student of the third or fourth year.

DELTA PHI EPSILON SORORITY BURSARY. This bursary, founded by the Delta Phi Epsilon Sorority in memory of Edith Silver, is of the value of $100 and is open to students entering the Third Year of the Faculty of Arts and Science.

For other third year scholarships see also Group III.

FOURTH YEAR SCHOLARSHIPS

Group VI.

Students advancing to the Fourth Year who have distinguished themselves in the general course or in honour courses may be recommended to Senate by the Faculty for the renewal of a scholarship previously held or for the award of a University Scholarship.

THE JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war, in which he served with distinction. This scholarship is awarded each year to a male student of the Fourth Year professing the Christian religion, who is taking honours in English or in Philosophy or in both these subjects. It is of the value of $250.

THE ALEXANDER MACKENZIE SCHOLARSHIPS: One scholarship of the value of $215, is awarded annually on the results of the honour examinations of the Third Year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honour work in Political Science of the Fourth Year (see also Group V).

For other fourth year scholarships see Group III and Group V.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honour List of the subjects named, provided the Faculty so recommends to Senate:—

The Henry Chapman Gold Medal, for Classical Languages and Literature.

The Prince of Wales Gold Medal, for Mental and Moral Philosophy.

The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakspere Gold Medal, for English Language and Literature.

The Logan Gold Medal, for Geology, Mineralogy and Palæontology.

The Major Hiram Mills Gold Medal, for Biology.

The Governor-General's Gold Medal, for Modern Languages and Literature.

The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).

The Lieutenant-Governor's Silver Medal, in History.

The Lieutenant-Governor's Bronze Medal is awarded to the student standing highest in the Second Year in Latin and Mathematics.

In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of French Language and Literature.

If there is no candidate for any medal, or if none of the candidates fulfils the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE

Annie Macintosh Prize.—The income of the sum of $1,145 ($425 of which was subscribed by the pupils and friends of the late Miss Annie Macintosh, and $618.97 bequeathed by the late Miss I. G. Macintosh) is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

Penhallow Prize.—The income of the sum of $1,100, collected by the Arts Undergraduates' Society in 1911, is awarded annually as a prize in the Department of Botany.

Henry Chapman Prize.—This prize, of the value of $30, is given in modern languages (excluding English), or in Hebrew.

THE CHESTER MACNAGHTEN PRIZE.—This prize of the value of $35 in books, established by Russell E. Macnaghten, Esq., M.A., in memory of his uncle, is awarded annually, through the University Literary and Debating Society, for reading in English.

THE CHERRY PRIZE.—This prize of books, founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, is awarded annually by the Department of Economics and Political Science to the student who at the end of his Second Year is, in the opinion of the Department, deserving of such recognition.

PETERSON MEMORIAL PRIZE IN LITERATURE.—This prize, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1899-1918, is of such value as may be determined from time to time and is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

THE DORA FORSYTH PRIZE.—An annual prize amounting to the interest annually on $1,000 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a worthy and needy candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

FANTHAM MEMORIAL PRIZE IN ZOOLOGY.—This prize of $50, endowed by Dr. Annie Fantham in memory of her husband, Professor H. B. Fantham, late Strathcona Professor of Zoology and Head of the Department, is awarded annually to the graduating student who has taken the full honours course in Zoology and who ranks highest of those obtaining first class honours in this subject. The prize is open to men and women.

PRIZES IN BOTANY AND ZOOLOGY.—A sum of $50 is awarded annually as a prize or prizes in the Departments of Botany and Zoology for original summer collections. Candidates should consult these Departments concerning the collections to be made.

For awards open to graduates see page 136.

C. OPEN TO STUDENTS OF THE ROYAL VICTORIA COLLEGE

ENTRANCE SCHOLARSHIPS

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships, open to women only and conditional on residence in the Royal Victoria College, are offered each year, one of the value of $200 and one of $100. These are normally awarded on the result of the McGill Junior Matriculation or the Quebec High School Leaving Examination.

ADDITIONAL SCHOLARSHIPS

For a statement of the scholarships, bursaries, and loan funds open to women students of the University, see pages 109, 117, 119, 136.

RESIDENT BURSARIES.—In addition to these, four resident bursaries in all, of the value of $200 each, are available for outstanding students of the second, third and fourth years who may be nominated by the Warden. In exceptional cases one or more of these may be awarded to first year students.

LOAN FUND.—There is also a loan fund available for students of the third and fourth years, who have shown by their work in the first two years that they are qualified to proceed.

SPECIAL SCHOLARSHIPS ADMINISTERED BY A COMMITTEE OF THE ALUMNAE SOCIETY

ETHEL HURLBATT SCHOLARSHIP.—A Scholarship of the annual value of $100 to be known as the Ethel Hurlbatt Scholarship, in memory of the late Dr. Ethel Hurlbatt, a former Warden, has been founded by the Alumnæ Society and will be awarded annually to an outstanding student of the 2nd, 3rd or 4th year.

THE LOCAL COUNCIL OF JEWISH WOMEN OF MONTREAL offers an annual scholarship of $100 to be given to a deserving student of the College in need of this financial assistance, the award to be made by the Scholarship Committee of the Alumnae Society in consultation with the Warden of the Royal Victoria College.

ALUMNAE SOCIETY BURSARIES AND LOANS.—In addition to the above, a limited number of bursaries and loans are offered by the Alumnae Society through its Scholarship Committee.

Students interested in bursaries and loans should consult the Warden before the opening of the Session.

D. OPEN TO STUDENTS IN THE SCHOOL OF COMMERCE

For scholarships and bursaries open to undergraduates in all Faculties see page 117.

SCHOLARSHIPS AND PRIZES

THE F. W. SHARP PRIZE IN ACCOUNTANCY AND MATHEMATICS.—This will be awarded at the end of the Fourth Year to the best student in Accountancy, Business Organization and Mathematics. Value $50.00.

THE SOCIETY OF CHARTERED ACCOUNTANTS offers a share in its War Memorial Prize to the Commerce graduate who obtains the highest percentage at the final examination for the diploma of C.A.

JOSEPH H. JACOBS PRIZE.—The sum of $650.00 was received from the executors of the estate of the late Joseph H. Jacobs. The annual revenue from this bequest, which is approximately $25 will be awarded as a prize for Second Year Accountancy.

SPANISH GOVERNMENT PRIZE.—Prize of books to be given in the Fourth Year, or in the Third and Fourth Years at the discretion of the Department.

MERRY DEL VAL PRIZE:—Prize of books donated by the Marquis de Merry del Val to be given in the Fourth Year, or in the Third and Fourth Years at the discretion of the Department.

MEDALS

THE CHANCELLOR'S MEDAL.—A gold medal is offered by Sir Edward Beatty, Chancellor of the University, to the student in the School of Commerce who attains the highest distinction in Economics. At present, it is awarded on the basis of the aggregate marks for the three full year courses (21, 22, & 25).

LIEUTENANT-GOVERNOR'S MEDALS.—A silver medal and a bronze medal have been offered to the School of Commerce by his Honour the Lieutenant-Governor of the Province of Quebec, the silver medal for the student with the best average, throughout his four years of study, in Mathematics, Accountancy, Business Organization and Commercial Law; the bronze medal for the one who has the best average, throughout the four years of study, in the French and Spanish languages.

LOAN FUNDS

COMMERCIAL SOCIETY LOAN FUND.—A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Applications should be made to the Director of the School of Commerce.

OTHER LOAN FUNDS (see page 119).

E. OPEN TO STUDENTS IN THE FACULTY OF ENGINEERING

(Including Architecture)

For scholarships and bursaries open to undergraduates in all Faculties see page 117.

ENTRANCE SCHOLARSHIPS

WORKMAN STUDENT.—The University accepts one nomination each year for a full course in Mechanical Engineering in the Faculty of Engineering from the executors of the estate of the late Thomas Workman. The student nominated must have satisfied the entrance requirements of the Faculty and must be a resident of the Province of Quebec.

For other entrance scholarships see pages 109 and 113.

AWARDED ON THE RESULTS OF THE SESSIONAL EXAMINATIONS OR FOR SPECIAL THESES

BRITISH ASSOCIATION SECOND YEAR PRIZES.—Two British Association prizes of $40 and $20, at the end of the Second Year, to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Algebra, Calculus, and Mechanics of the Second Year.

SCOTT EXHIBITION.—A Scott exhibition of $40, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and a British Association prize of $20, to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Mathematics, Descriptive Geometry, and Physics of the First Year.

TIGHE PRIZE.—A prize of $50, presented by Mr. James L. Tighe, B.A.Sc., for research work in Hydraulics.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest marks in Architectural Drawing in the School of Architecture.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest marks in Architectural Engineering in the School of Architecture.

THE LOUIS ROBERTSON PRIZE.—Founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded to the undergraduate student who ranks highest in Design in the Final Year of the School of Architecture.

TURNER PRIZE.—A prize of $25, presented by Professor P. J. Turner, to the student obtaining the highest marks in Building Construction of the Second Year course in Architecture.

MONTREAL LIGHT, HEAT AND POWER PRIZES.—Prizes amounting to $200, are given by the Montreal Light, Heat & Power Consolidated to Fourth Year students in the Department of Electrical Engineering.

The following prizes are offered for the best summer essays:—

HERSEY PRIZE.—To students in Metallurgical Engineering, a prize of $25, presented by Milton L. Hersey, Esq., D.Sc.

PORTER PRIZE.—To students in Mining Engineering, a prize of $25, presented by Dr. J. B. Porter.

ENGINEERING INSTITUTE OF CANADA PRIZES.—The Engineering Institute of Canada offers each year a prize of books or instruments to the value of $25 for the best paper in any branch of engineering received from an English-speaking Student or Junior of the Institute in the Province of Quebec. This prize is known as the Phelps Johnson Prize; another of the same value, the Ernest Marceau Prize, is awarded for the best paper in French. Similar prizes are open to those located in other provinces. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from L. Austin Wright, Secretary, 2050 Mansfield Street, Montreal.

ENGINEERING INSTITUTE OF CANADA PRIZES.—The Engineering Institute of Canada also offers each year a prize of $25 to the student of the Third Year whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

CANADIAN INSTITUTE OF MINING AND METALLURGY PRIZES.—Three prizes, one of $25 and the President's gold medal, and two of $25 each, are offered annually for the best papers submitted by student members to the Canadian Institute of Mining and Metallurgy.

UNDERGRADUATE SOCIETY'S PRIZE.—The sum of $50 has been voted by the Undergraduate Society of the Faculty of Engineering, to be given as prizes for the best summer essays submitted by students. $25 is awarded for the best essay, $15 for the second and $10 for the third.

SIR WILLIAM DAWSON SCHOLARSHIP.—A Sir William Dawson Scholarship, given by the New York Graduates' Society; value $60; open also to students in Arts and Science. (see page 121).

SOCIETY OF CHEMICAL INDUSTRY PRIZE.—A prize of $50 is offered by the Montreal Section of the Society of Chemical Industry (Canadian Section) for an original essay on a chemical subject. Undergraduate students, other than those in their final year, are eligible to present papers. Further particulars may be obtained from the Registrar's Office.

American Society of Metals Prize.—Books to the value of $10, offered by the Montreal Chapter of the American Society of Metals, as a prize to the student graduating in Metallurgical Engineering who obtains the highest mark, provided he obtains honour standing, in the subjects of Metallography and thesis combined.

The Robert Forsyth Prize in Civil Engineering.—Under the will of the late Miss Jeanie Forsyth the interest on $1000 is awarded each year, if the examiners so recommend, to a "worthy and needy" student of the graduating class who secures high standing in the subjects of Theory of Structures and Strength of Materials.

AWARDED AT THE DISCRETION OF THE FACULTY

The Hon. Robert Jones Bursary.—Of the value of $120 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering."

Application should be made through the Dean of the Faculty. In awarding the bursary the standing of the student in the entrance examination is considered, and the scholarship is not continued if the standing of the student at any time proves unsatisfactory.

The Baylis Scholarship.—Founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, is awarded to some student entering the Second Year who is in need of financial assistance. The scholarship will be continued during the Third and Fourth Years, if the standing of the student continues to be satisfactory.

Application should be made through the Dean of the Faculty.

Douglas Tutorial Bursaries.—The late Dr. James Douglas, who was a member of the Board of Governors, provided for twelve or more tutorial bursaries of $80 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing are considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the Third and Fourth Years of Engineering are eligible.

H. M. MacKay Memorial Scholarship.—This scholarship will probably be awarded during the summer of 1938 to a student of British citizenship who has then completed the First Year in Engineering and intends to enter the Second Year in September, 1938. A committee appointed by the Faculty selects the scholar, having in mind the results of the First Year sessional examinations, general character, industry, and other qualities desirable in an engineer. The amount of the scholarship for 1938-39 will be $150. Payment is withheld if the scholar's progress is unsatisfactory. If no candidate of sufficient merit applies, the scholarship is not awarded. Written applications must be made to the Dean's Office on or before May 31st, 1938.

THE JENKINS BROS., LTD., SCHOLARSHIP.—Supported by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, is open to all Engineering students entering the Fourth Year and is awarded on the basis of academic standing and personality. Written application should be made to the Dean's office on or before October 1st, 1938.

BURSARIES

THE ANGLIN BURSARY.—Of the value of $200, will be given for the 1938-39 session by Mrs. Anglin in memory of her husband, the late Mr. J. P. Anglin, B.Sc., 1906.

For information concerning bursaries open to undergraduates in all Faculties see page 117.

MEDALS

BRITISH ASSOCIATION MEDAL.—This medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examinations. The British Association Medals were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

CANADIAN INSTITUTE OF MINING AND METALLURGY MEDAL.—A gold medal and two prizes are offered by the Canadian Institute of Mining and Metallurgy. For further particulars, see page 129.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—Awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA MEDAL.—A medal is offered annually to the student who has completed the entire course at a recognized School of Architecture, who has obtained high marks throughout his course, and who gives promise of being an architect of distinction after graduation. British subjects only are eligible for this award.

LOAN FUNDS

THE "CLASS OF 1899 FUND".—Established by the "Applied Science" Class of 1899, to aid each year one or more students who, upon the completion of their Second Year, require assistance to enable them to finish their course. Loans from this fund are repayable after graduation. Applications should be made to the Dean.

THE GEORGE HENRY FROST FUND.—Founded by the late G. H. Frost, B.Sc. '60, to aid students who, when commencing the work of the second or a subsequent year in the Faculty of Engineering, require financial

assistance. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

THE WADDELL LOAN FUND.—Founded by J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND. —Founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology and allied subjects. Applications should be made to the Dean.

OTHER LOAN FUNDS (see page 119).

For awards open to Graduate Students see pages 136 and 138.

F. OPEN TO STUDENTS IN THE FACULTY OF MEDICINE

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 117.

MEDALS

THE HOLMES GOLD MEDAL, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., one time Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze medal and the money equivalent of the gold medal.

THE WOOD GOLD MEDAL, founded by Casey A. Wood, M.D., LL.D, awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is not permitted to compete for this medal.

THE SUTHERLAND GOLD MEDAL, founded in 1878 by the late Mrs. Sutherland, in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the student of the final year, who in the opinion of the head of the Department of Public Health and Preventive Medicine, is most proficient in that subject.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL, to be awarded to the student who obtains the highest standing in the Final Examination in Physiology.

PRIZES

THE JOSEPH HILS PRIZE. (Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

THE JOSEPH MORLEY DRAKE PRIZE. (Founded by the late Joseph Morley Drake, M.D.)—A prize in books, to be awarded to the student who obtains the highest number of marks at the Final Examination in Pathology.

PRIMARY PRIZE.—A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Biochemistry).

THE F. SLATER JACKSON PRIZE.—An annual prize of $50.00, founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded on the result of a special examination, written and oral, in Histology and Embryology.

THE ALEXANDER D. STEWART PRIZE.—An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

ROBERT FORSYTH PRIZE.—Under the will of the late Miss Jeanie Forsyth the interest on $1,000 is awarded each year "to a worthy and needy student" who, upon graduation, has shown particular ability in all branches of surgery.

THE JOHN MUNRO ELDER PRIZE.—An annual prize of $25.00 founded in 1935 by Aubrey H. Elder, Esq., K.C., in memory of his father, John M. Elder, M.D., C.M., sometime Assistant Professor of Surgery and Anatomy in the Faculty. The prize is awarded on the result of a special examination in Anatomy.

THE CANADIAN MEDICAL INSTITUTE PRIZE of $25.00, awarded to the Fifth Year student submitting the best essay on *"Advantages to be derived from an annual periodic health examination."* The decision to be made by the University. Essays must be submitted not later than May 1st.

SCHOLARSHIP

THE WALTER J. HOARE MEMORIAL SCHOLARSHIP.—This scholarship was endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in the Great War. It is open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. If there are no qualified candidates in this preferred class, the scholarship may be awarded to another candidate nominated by the Faculty of Medicine.

For awards open to Graduates in Medicine see pages 136 and 139.

G. OPEN TO STUDENTS IN THE FACULTY OF DENTISTRY

For scholarships and bursaries open to undergraduates in all Faculties see page 117.

MEDALS AND PRIZES

THE MONTREAL DENTAL CLUB GOLD MEDAL AND A PRIZE IN BOOKS:—Awarded to the student in the Final Year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the year.

THE COLLEGE OF DENTAL SURGEONS OF THE PROVINCE OF QUEBEC PRIZE:—A prize of twenty-five dollars awarded to the student, registered in Quebec, obtaining the highest standing in the practical examinations of the Final Year.

THE LIEUT.-GOVERNOR'S SILVER MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the Final Year who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

THE LIEUT.-GOVERNOR'S BRONZE MEDAL AND A PRIZE IN BOOKS:—Awarded to the student obtaining the highest marks in written and practical subjects in the Third Year examinations.

The following prizes are given by The Mount Royal Dental Society:—

FIRST AND SECOND YEAR PRIZES.—A prize in books is awarded to the student obtaining the highest standing at the sessional examinations.

H. OPEN TO STUDENTS IN THE FACULTY OF LAW

For scholarships and bursaries open to undergraduates in all Faculties see page 117.

SCHOLARSHIPS AND PRIZES

THE "THOMAS ALEXANDER ROWAT SCHOLARSHIP".—Founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is approximately $75. It is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of Anglo-Saxon or Celtic origin. The next award of this scholarship will be in the session 1939-40.

THE "CHARLES ALBERT NUTTING PRIZE".—Founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from this Faculty in 1872. The value of the prize is the income from a capital sum of $1,000, and is approximately $40. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

THE MONTREAL BAR ASSOCIATION PRIZE.—The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Commercial Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the Final Year.

THE "ALEXANDER MORRIS EXHIBITION".—This exhibition of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second Year.

THE ADOLPHE MAILHIOT MEMORIAL PRIZE.—This prize established by Mr. and Mrs. J. N. Mailhiot of Victoriaville, P.Q. in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty usually, but not necessarily, in the graduating class.

MEDALS

THE "ELIZABETH TORRANCE GOLD MEDAL".—Founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student who stands highest in the Final Examination in Roman Law.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—Awarded to the student who stands highest in the First Year course in Obligations.

No medals, prizes or scholarships will be awarded, if, in the opinion of the Faculty, there is no candidate of sufficient merit.

For awards open to Graduate Students see pages 136 and 141.

IV. GRADUATE FELLOWSHIPS, SCHOLARSHIPS AND MEDALS

For scholarships and bursaries open to students in all Faculties see page 117.

DEMONSTRATORSHIPS AND INSTRUCTORSHIPS.—In several Departments graduate students are eligible for demonstratorships and instructorships. Information concerning these may be obtained from the Head of the Department concerned.

THE GOVERNOR-GENERAL'S SILVER MEDAL is awarded for graduate research work in Science.

A. FELLOWSHIPS AND SCHOLARSHIPS OPEN TO McGILL GRADUATES AND TO GRADUATE STUDENTS REGISTERED IN THE UNIVERSITY

OPEN TO GRADUATES IN ALL FACULTIES

THE McGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the members of that Chapter who gave their lives in the Great War. This scholarship is open to graduates of the University in all faculties. The Selection Committee will consider:—(*a*) The general scholarship of the candidate; (*b*) His need of financial assistance for further study; (*c*) The general usefulness to the community of the special branch of study he proposes to follow; (*d*) The likelihood that the candidate will reflect credit on the University. The present value of the scholarship is about $700.

Application should be made to the Registrar before April 1st.

FRENCH GOVERNMENT SCHOLARSHIP.—The French Government offers annually a scholarship for a year's study in France open to candidates who would benefit from this experience in the profession they intend to adopt in Canada. Preference is normally given to honour students in the Department of French. Application should be made to the Registrar before the 15th of May.

OPEN TO GRADUATES IN ARTS AND SCIENCE

THE MOYSE TRAVELLING SCHOLARSHIPS.—Two scholarships of the value of $1,250 each, tenable for one year, founded by the late Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University."

These scholarships are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions

is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities.

Applications are to be made to the Dean of the Faculty of Arts and Science, before the first of April each year.

THE ALLEN OLIVER FELLOWSHIP.—This fellowship has been established by Mrs. Frank Oliver, of Edmonton, Alta., in "proud and loving memory of her son, the late Allen Oliver, M.C., B.A.,* Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme on November 18th, 1916." The fellowship is awarded annually to the student who stands highest in first class honours in the Department of Economics and Political Science at the final B.A. examination, and the holder is required to pursue his studies in Economics and Political Science in McGill University or elsewhere. The present value of the scholarship is about $400.

THE GUY DRUMMOND MEMORIAL SCHOLARSHIP.—This scholarship, endowed by the late Guy M. Drummond, and tenable for one year, is awarded annually to a graduating student in the Department of Economics and Political Science. The value of the scholarship is the income derived from a capital sum of $45,190 to cover a year of study divided between Paris and McGill and leading to the M.A., or, in special circumstances, a whole academic year in Paris and then a year studying for the M.A. at McGill. The holder may attend the Graduate Faculty of McGill University for one year before or after his study in Paris, or may go to France in the summer following his appointment, attend the Ecole Libre from its autumn opening until the New Year, and then return to resident work at McGill, being eligible for the M.A. degree in May of that year.

The award is made by the University Scholarships Committee upon the recommendation of the Department of Economics and Political Science and the Department of French.

ALEXANDER MACKENZIE FELLOWSHIP IN POLITICAL SCIENCE.—This Fellowship, of the annual value of $600 is tenable by a graduate of any accredited university. Such tenure is conditional upon the acceptance by the Department of Economics and Political Science of the applicant as being entitled to admission to the Faculty of Graduate Studies and Research in the field of Political Science. A certain amount of tutorial and teaching work will be required of the holder of the fellowship.

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*Lieut. Oliver was an honour graduate in 1915 in the Department of Economics and Political Science.

Under certain conditions, which may be ascertained in consultation with the Department of Economics and Political Science, this fellowship may be held for a second or third year.

Each candidate should send (i) a letter of application, (ii) a certified copy of his academic record, (iii) not more than three testimonials. These should reach the Registrar, McGill University, Montreal, before the 30th of April, 1939. There are no application forms.

THE PHILIP CARPENTER FELLOWSHIP founded in 1892 by a donation of $7,000 from Mrs. Philip P. Carpenter for "a post-graduate teaching fellowship or scholarship in Natural Science or some Branch thereof in the Faculty of Arts of McGill College."

FANTHAM MEMORIAL SCHOLARSHIPS.—Two scholarships for research work in the Department of Zoology have been presented to the University in memory of Professor H. B. Fantham, late Strathcona Professor of Zoology and Head of the Department, by his widow, Dr. Annie Fantham. Both of these scholarships are being awarded for the 1938-39 session.

THE LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—(See below).

THE DR. T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY. (See below).

ADAMS SCHOLARSHIP IN GEOLOGY.—(See page 139.)

SISCOE GOLD MINES SCHOLARSHIPS.—(See page 142.)

OPEN TO GRADUATES IN ENGINEERING

THE LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This fellowship of $500, established by some friends of Captain O. E. LeRoy, (Arts, 1895), who was killed in the Battle of Passchendaele, in October, 1917, is awarded annually to a student who desires to proceed to post-graduate studies in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Head of the Department of Geological Sciences in consultation with the Principal.

THE DR. T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY.—This Scholarship of the value of $600 is open to graduates in Chemistry and Chemical Engineering who have completed the course for the degree of M.Sc., M.Eng. or Ph.D. and have shown high capacity for research. The holder may be required to assist in the Department as a demonstrator.

RESEARCH FELLOWSHIPS.—Two research and teaching fellowships have been established in the Department of Mining and Metallurgical Engineering—one of $600 endowed in memory of the late Sir William Dawson, one of $550 endowed by the late Dr. James Douglas. These fellowships are awarded annually if suitable candidates offer.

DR. B. J. HARRINGTON BURSARY IN MINING ENGINEERING.—This bursary of approximately $150 a year, supported by graduates in Mining Engineering in memory of the late Professor B. J. Harrington, is awarded annually if a suitable candidate offers.

THE JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship, founded by Dr. W. W. Colpitts (B.Sc., 1899), is open to graduate students proceeding to the degree of M.Eng. in Civil, Mechanical, or Electrical Engineering, preference being given to students in Civil Engineering. it is expected that the income of the scholarship for 1939-40 will be $200. Applications should be in the hands of the Dean of the Faculty of Engineering not later than July 30th, 1939. In the case of graduates of other universities these must be accompanied by certified statements of academic standing and letters of recommendation.

ADAMS SCHOLARSHIP.—A scholarship of $300, presented by Professor F. D. Adams, will again be available in 1938-39 for a graduate student in the Department of Geological Sciences.

SISCOE GOLD MINES SCHOLARSHIPS.—(See page 142).

Loan Fund

WADDELL LOAN FUND.—Loans from this Fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any Department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

OPEN TO GRADUATES IN ARCHITECTURE

THE HUGH MCLENNAN MEMORIAL SCHOLARSHIP.—Established by the Hon. John Stewart McLennan and Dr. Francis and Miss Isabella McLennan in memory of Hugh McLennan, son of the Hon. John Stewart McLennan, killed at the Battle of Ypres in 1915. The amount of this scholarship to be awarded in May 1939 is $1,000. It will be awarded to the student graduating in Architecture who during his course has shown the greatest capacity in the solution of problems and who gives promise of creative ability.

OPEN TO GRADUATES IN MEDICINE

FELLOWSHIPS

THE A. A. BROWNE MEMORIAL FUND.—The sum of $10,000. has been received by the Faculty of Medicine of McGill University from the committee of the A. A. Browne Memorial Fund. This fund is used either for a fellowship to be known as the "A. A. Browne Memorial Fellowship", or for a grant to a department to provide technical assistance, equipment, and supplies for medical research. The fellowship is open to graduates of any recognized Medical School and is for the advancement of medical science, special preference being given to the subjects of obstetrics and gynaecology.

THE JAMES DOUGLAS RESEARCH FELLOWSHIP.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

THE JOHN MCCRAE FELLOWSHIP.—A fellowship of approximately $800, founded in 1918 as a yearly donation by Mr. H. J. Fuller, of New York, in memory of the late Lt.-Col. John McCrae, for the purpose of scientific research in Experimental Surgery. Established as a permanent fellowship in 1920 by Mr. Fuller and the Canadian Fairbanks-Morse Company.

THE CLARA LAW FELLOWSHIP, founded in 1927 by Mrs. J. R. Fraser for the furtherance of research in the laboratory of the Department of Obstetrics and Gynæcology, is of the value of $1,200 per annum.

THE DR. J. FRANCIS WILLIAMS FELLOWSHIP IN MEDICINE AND CLINICAL MEDICINE of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year who have had a high general scholastic standing and who are approved by the heads of the Department of Medicine.

THE DR. J. H. B. ALLAN SCHOLARSHIP of $240, founded by bequest of Mrs. Agnes W. Allan, mother of Dr. J. H. B. Allan, to be awarded to the graduate of this Faculty who shall present the best essay written during his period of residency in one of the teaching hospitals connected with McGill University or within one year after the termination of such residency.

THE JAMES COOPER ENDOWMENT "for the Study and Teaching of Internal Medicine" was established by a bequest from the late James Cooper. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment and supplies for medical research.

THE BLANCHE HUTCHINSON RESEARCH FUND was established by a bequest from the late Mrs. Frank L. Hutchinson. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

THE OSLER MEMORIAL SCHOLARSHIP.—This scholarship is awarded by the Canadian Medical Association every third year to a candidate nominated by the Faculty of Medicine "in order that such candidate may pursue studies to advance the knowledge of medicine and to improve the teaching of clinical medicine". Candidates must be graduates of not more than ten years' standing and, other things being equal, preference will be given to a graduate of McGill University. The

value of the scholarship to be awarded for the 1938-39 session is $975. Applications must be sent to the Dean of the Faculty of Medicine not later than the 31st of March 1938. The next award will be made in 1941.

OPEN TO GRADUATES IN LAW

THE MACDONALD TRAVELLING SCHOLARSHIP.—This Scholarship was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $900. The scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, not being a notarial student, who has obtained first or second class honours in the Final Examination and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the Scholarship be awarded only to men students preparing for practice as advocates in the Province of Quebec.

THE EDWIN BOTSFORD BUSTEED SCHOLARSHIP.—Founded by the will of the late Mrs. Edwin Botsford Busteed and awarded to a student, chosen by the Faculty, in the graduating year who desires to carry out research after graduation on some subject connected with the law of Quebec. The value of the scholarship is the income from a capital sum of $6,000 and is approximately $240. The successful candidate, whether or not he registers for the degree of M.C.L., will be required to report progress at intervals during his tenancy of the scholarship, and to prepare a thesis on a subject approved by the Faculty.

OPEN TO GRADUATES IN AGRICULTURE

MACDONALD COLLEGE AGRICULTURAL ALUMNI ASSOCIATION GRADUATE SCHOLARSHIP.—In memory of graduates and undergraduates of the Faculty of Agriculture who died in service during the Great War, 1914-1918; created, in connection with the Centennial Campaign, 1920, through subscriptions of graduates, undergraduates, members of the staff and other friends, of a present value of $200 and available to any graduate in Agriculture of Macdonald College (McGill University) for graduate work in Agriculture at any college or university of recognized standing. The holder is chosen by a committee appointed by the executive of the Macdonald College Agricultural Alumni Association, and applications should be addressed to Mr. Emile A. Lods, General Secretary, Agricultural Alumni Association, Macdonald College, P.Q.

SOCIAL SCIENCES RESEARCH FELLOWSHIPS

There are a number of fellowships in the Social Sciences Research for graduate work in Economics, Sociology, Education, Psychology, etc. For details apply to the Director, Mr. L. C. Marsh.

B. FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES OF McGILL AND OF OTHER UNIVERSITIES

Science Scholarships Granted by Her Majesty's Commissioners for the Exhibition of 1851.—These scholarships, of at least £275 sterling a year, are tenable for two, or, in rare instances three years. They are limited, "to those branches of science, the extension of which is especially important to our national industries." The holder is required to devote himself to research, the particular nature of which must be approved by the Commissioners.

Three of these Scholarships which are tenable at any institution approved by the Commission are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain Universities, among which McGill is included.

Candidates should apply, not later than April 1st, through the Head of their Department. Details concerning the regulations may be obtained from the Registrar's Office.

Royal Society of Canada Fellowships.—Ten annual research fellowships, endowed by the Carnegie Corporation, will probably be awarded in 1939. They are of the value of $1,500, are open to men and women on equal terms, and are tenable normally outside Canada only. Candidates should have at least a Master's degree and their age should not exceed 32. In 1938 the last day for receiving applications was February 1st. Further particulars may be obtained from the Registrar's Office.

Alexander Mackenzie Fellowship in Political Science.—*(See page 137.)*

The Dr. J. H. B. Allan Scholarship. (See page 140).

The A. A. Browne Memorial Fund. (See page 139).

The James Cooper Endowment. (See page 140).

The Blanche Hutchinson Research Fund. (See page 140).

The John McRae Fellowship. (See page 140).

The Osler Memorial Scholarship. (See page 140).

Siscoe Gold Mines Scholarships.—Through the generosity of Siscoe Gold Mines, Limited, who in 1937 contributed $4,800 for scholarships in Geology, Mining Engineering, or Metallurgy, McGill

University will offer for the sessions 1938-39, 1939-40, and 1940-41, one, two, or three graduate scholarships of the aggregate value of $1,200, tenable at the University. Candidates must be graduates of McGill University or of another institution recognized for the purpose. Applications must reach the Registrar, McGill University, before the 1st of April. Further details may be obtained from the Registrar's Office.

THE RHODES SCHOLARSHIPS.—These scholarships of £400 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions.

Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five.

Two scholars are chosen annually from the Province of Quebec, and men students in any Faculty may apply.

Applications must be in the hands of the Secretary of the Provincial Selection Committee not later than November 10th.

Further details of tenure, eligibility and qualifications, and application forms may be obtained from the Registrar's Office, or the Provincial Secretary, Mr. A. D. P. Heeney, 215 St. James St. West.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries, Studentships, and Fellowships, which in 1938 had the values of $550, $650, and $750 respectively, will probably be awarded in 1939 by the National Research Council to highly qualified graduates in Science. They are open on equal terms to men and women, whose age should not exceed 32. In 1938 the last day for receiving applications was March 1st. Further particulars may be obtained from the Registrar's Office.

POST-GRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER DAUGHTERS OF THE EMPIRE.—Nine are offered annually—one for each province. They are of the value of $1,400 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the Economics and Government of the Empire and Dominion, or any subject vital to the interests of the Empire." Applications for the Scholarships to be held in 1939-40 should be made before October 15th, 1938.

Full details may be obtained from the Provincial Educational Secretary of the Order in any Canadian Province. In Quebec the address is Room 1111, Mount Royal Hotel, Montreal.

University Women's Federation Travelling Scholarship.—The Scholarship of the Canadian Federation of University Women, of the value of $1,250, available for study and research work, is open to any woman holding a degree from a Canadian University. In general, preference is given to those candidates who have completed at least one or two years of graduate study and have a definite research in view. The award is based on evidence of character and ability of the candidate and promise of success in the subject to which she is devoting herself.

The choice of the University at which the successful candidate is to pursue her study or research work is left to the Committee of Selection in consultation with the candidate.

Full information can be obtained from the Convenor of the Scholarship Committee, Miss Muriel V. Roscoe, Acadia University, Wolfville, N.S.

Applications and testimonials must be received before February 1st.

Province of Quebec Post-Graduate Scholarships.—A number of scholarships are granted annually by the Government of the Province to graduates who wish to complete their studies abroad. These scholarships are each of the value of $1,200 per annum. They are awarded in the first instance for one year, but their tenure may be extended to three years if the work of the holder is satisfactory. Candidates must be bona-fide residents of the Province of Quebec and not over 25 years of age. Each application should state the candidate's age next birthday, and his plans for post-graduate work, and should be accompanied by two testimonials from members of his faculty and two additional references from responsible citizens. Applications should be addressed to the Registrar, and submitted not later than the 1st of April. The awards are generally announced by the Provincial Government at the end of July each year.

OTHER SCHOLARSHIPS

Notices of other scholarships and fellowships are received by the University from time to time. Students may consult these in the Registrar's Office.

V. SCHOLARSHIPS, PRIZES AND MEDALS OPEN TO STUDENTS REGISTERED IN THE VARIOUS SCHOOLS OF THE UNIVERSITY

OPEN TO STUDENTS IN THE LIBRARY SCHOOL

THE ETHELWYN M. CROSSLEY SCHOLARSHIP FUND.—Available for women students. Details may be obtained on application to the Secretary of the School.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSICAL EDUCATION

PRIZES AND MEDALS

GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

CLASS OF 1925 SHIELD.—A Shield, presented by the Class of 1925, is awarded to the student attaining the highest standing in practice teaching throughout the course and is held for one year by the student.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the graduate student, who attains the highest general proficiency throughout the course.

CLASS OF 1916 CUP.—A Cup, presented by the Class of 1916, is held for one year by the senior student who attains the highest standing in practical work.

LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—This medal is awarded to the junior student who attains the highest general proficiency in the sessional examinations.

(N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Committee.)

OPEN TO STUDENTS IN THE SCHOOL OF NURSING

SCHOLARSHIPS

Applicants for scholarships must meet the entrance requirements of the University (Junior Matriculation standing or its equivalent). Preference will be given to applicants with experience in the nursing field.

1. **Alexandra Hospital.**
   The Board of Governors offers a scholarship for 1938-39 in the form of maintenance at the hospital during a year's study at the School of Nursing. Members of the hospital nursing staff are eligible.

2. **Association of Registered Nurses of the Province of Quebec.**

A scholarship of $300.00 to a graduate of an approved school of nursing in the Province of Quebec for any course selected in the School of Nursing.

3. **Children's Memorial Hospital School of Nursing.**

The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School of Nursing.

4. **Flora Madeline Shaw Memorial Fund.**

A scholarship of $250.00 is offered in memory of Miss Flora Madeline Shaw to nurses wishing to take a course at the School of Nursing.

5. **Montreal General Hospital School of Nursing.**

1. The Mildred Hope Forbes Memorial Scholarship, established by Mrs. Norman Wilson in memory of the late Mildred Hope Forbes, is offered to a graduate of the Montreal General Hospital School for Nurses.

2. The Alumnae Association of the Montreal General Hospital School for Nurses offers a scholarship. Only members of the Alumnae Association are eligible.

6. **Royal Victoria Hospital School of Nursing.**

1. An annual scholarship offered by the Board of Management for a year's study at the School of Nursing.

2. The Dr. Garrow Scholarship for a year's study at the School of Nursing offered by the Alumnae Association of the Royal Victoria Hospital School of Nursing.

3. A scholarship in the form of maintenance at the hospital during a year's study at the School of Nursing.

4. The Harry J. Crowe Scholarship of $600.00 open to a graduate of the Royal Victoria Hospital for a course in nursing or dietetics in a Canadian university.

7. **Shriners' Hospital for Crippled Children.**

A scholarship in the form of maintenance at the hospital during a year's study at the School of Nursing offered by the Board of Governors of the Montreal Unit.

8. **Victorian Order of Nurses for Canada.**

The Victorian Order of Nurses offers some assistance to certain members of its staff to undertake graduate study in public health nursing in any Canadian University where such courses are given.

VI. MEDALS AND PRIZES IN THE DEPARTMENT OF PHYSICAL EDUCATION

I. For Men

The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the University Committee on Physical Education. Every competitor for the silver medal is required to lodge with the judges, before the examination, a certificate of good standing in the graduating class, signed by the Dean of the Faculty to which he belongs, and the medal is not awarded to any student who fails in his examination for the degree.

Further information concerning the regulations and the work of the Department may be obtained from the Director, Dr. A. S. Lamb, 3484 University St.

II. For Women

Strathcona Prizes.—The Department of Physical Education in conjunction with the M.W.S.A.A., offers a prize for competition in each of the four years of the Faculty of Arts and Science. Details of the competition are announced at the beginning of each session.

APPLICATION FOR ADMISSION

Application forms for all years in the Faculty of Arts and Science, and for the First Years in Engineering and Medicine may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made by letter to the Registrar.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for exemption from any subject or subjects which he has already studied is required to submit with his application a Calendar of the University in which he has previously studied, together with a complete statement of the course he has followed and a certificate of the standing gained therein.

HEALTH SERVICE

Medical Examination.

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years and women students of the First and Third Years in every faculty, and all students coming to the University for the first time, are required to be medically examined. Students repeating a year in which medical examination is required, must be re-examined. The examinations are conducted daily for a period of about two weeks at the beginning of the session. Subsequently special periods may be arranged for students who register late. The hours of all examination periods are announced on the notice boards throughout the University at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended.

Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

Vaccination.

Provincial and University regulations require that students entering the University must have been successfully vaccinated within the preceding seven years or have proved insusceptible to vaccine within the previous five years. Students should take steps to comply with this regulation before reporting for registration and should bring the necessary medical certificate of vaccination with them.

Health Service.

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to hospital is requisitioned for by the Department, but not otherwise, one half of all public ward charges is paid by the University. Should a student desire private accommodation the difference in the cost must be borne by him. Should a student receive treatment by a private practitioner without first having received a requisition form, he must bear all expenses involved.

No student, after having received medical attention as a result of sickness or injury, may resume participation in University athletics until the University Medical Officer declares him fit.

No dental treatment is supplied by the University.

The University is not responsible for damages of any kind resulting from accidents which may occur and is not responsible for the medical or hospital expenses incurred by any person suffering an accident; if, however, in any such case, a recommendation to that effect is made in writing by the Department of Physical Education, but not otherwise, the University may pay the whole or such portion of the medical or hospital expenses as is covered by such written recommendation. All cases of athletic injury requiring medical treatment or hospital accommodation must be reported immediately to the Director or the University Medical Officer. In cases of emergency the Royal Victoria Hospital or the Montreal General Hospital accepts cases but these must be reported to the Department of Physical Education as well as to the Athletics Manager within forty-eight hours.

A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

IMMIGRATION

All students entering Canada to attend courses at the University should obtain from the Registrar's Office an official letter of acceptance and should present this to the immigration authorities at the port of entry.

British Students.

British students do not require passports to enter Canada but may require them if they wish to return to Great Britain and they are therefore advised to obtain them before leaving for Canada.

American Students.

American students do not require passports. Naturalized citizens of the United States should carry their naturalization certificates and residents of that country who are not citizens should carry evidence that they are legally in the United States and that they may return to the United States upon completion of their studies.

Other Students.

All other students should carry passports.

Reference: Department of Mines and Resources, Memorandum No. 595335—Imm.

THE FACULTY OF ARTS AND SCIENCE

General Information.

The undergraduate work of the University in the Humanities or Arts, in Pure Science, and in Commerce, is done in McGill College, usually called the Faculty of Arts and Science. The Faculty has, for administrative purposes two divisions, the Arts Division, of which the School of Commerce is an integral part, and the Science Division. The Dean of McGill College is also the Dean of the Faculty of Arts and Science and, at present, he is also the Dean of Arts; the Science Division has its own Dean and the School of Commerce a Director. The Faculty as a whole controls all the undergraduate work in these divisions. The Arts Division supervises the work of all students reading for the degree of Bachelor of Arts (B.A.), the Science Division that of all students reading for the degree of Bachelor of Science (B.Sc.), the School of Commerce that of all students reading for the degree of Bachelor of Commerce (B.Com.).

Women Students.

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Entrance Requirements.

Students may be admitted into the Faculty as full undergraduates after passing either the Junior or the Senior Matriculation Examination or an equivalent examination, in the requisite subjects. A student with incomplete matriculation qualifications is not admitted as an undergraduate.

Period of Study for a Degree.

The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after being admitted into the first year or for at least three years after being admitted into the second year. Students are admitted to advanced standing in the third year only under exceptional circumstances and at least two full years of resident study in the Faculty are required before the bachelor's degree can be granted.

Classes of Students in the Faculty.

(1) *Undergraduates*: Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates*: Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, medals, bursaries or prizes of any description and may not read for an Honour Degree.

(3) *Partial Students*: Students not registered as proceeding to a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the Heads of the Departments concerned that they have sufficient ability to do the work of the courses they desire to take. A student who has tried and failed to pass the matriculation in a subject is not allowed to register as a partial student in that subject.

In the courses they are taking, partial students must fulfil all the requirements of classroom work and tests prescribed for regular students.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Should a partial student acquire or subsequently be accorded regular standing by vote of the Faculty, his partial courses may by permission of the Faculty be counted toward a degree. Partial students are not eligible for medals, scholarships, bursaries, or prizes.

AGE OF ADMISSION

Except under special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

APPLICATION FOR ADMISSION TO THE FACULTY OF ARTS AND SCIENCE

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Completed applications must reach the Registrar before September 9th.

The number of admissions is limited and the College is not bound to accept applicants who have passed the required examinations.

ENTRANCE REQUIREMENTS

See page 77 for details.

1. A student may apply for admission to the First Year of the Faculty of Arts and Science after passing in the required subjects of the Junior Matriculation Examination or one of the examinations recognized by the University as the equivalent of Junior Matriculation.

2. A student may apply for admission to the Second Year of the Faculty of Arts and Science after passing in the required papers of the Junior and Senior Matriculation Examinations or their recognized equivalents. Only in exceptional circumstances is a student who has not written and passed the Junior Matriculation Examination or its equivalent admitted by Senior Matriculation to the Second Year. At least a good average second class standing in Senior Matriculation or its equivalent is required for entrance to the Second Year.

3. Full details of these examinations are given on pages 77 to 107.

ADMISSION TO THE SECOND AND THIRD YEARS OF THE FACULTY

Applications for entrance to the Second and Third Years of the Faculty should be made to the Registrar's Office on the proper forms, and must be accompanied by complete details of previous university work.

REGISTRATION

Students whose applications (see page 152) have been accepted register in the Arts Building on September 26th, 27th, or 28th, between the hours of 9.00 a.m. and 12.00 noon and from 2.00 to 4.30 p.m.

Students of the three senior years who have already been admitted to the University are also required to register in the Arts Building at the same time.

After September 28th all registration is done in the Registrar's Office and a special late registration fee must be paid (see page 159).

On Monday, September 26th, 1938, the first day of registration, all First Year students and others entering the Faculty of Arts and Science meet in Moyse Hall at 11 a.m. to be welcomed by the Principal and given instructions by the Dean of the Faculty.

No student will be admitted after October 15th except by special permission of the Dean.

Women students of the Faculty, after registration, are required to enter in the roll book of the Royal Victoria College their names, home

addresses and addresses in Montreal. Students of the Royal Victoria College not residing with their parents or guardians in Montreal, who do not apply for residence in the College, are required to submit their plans for residence in writing to the Warden and to obtain written approval.

CHANGING COURSES

Students may change the courses for which they have registered provided that the changes do not conflict with the regulations and that the change is made not later than the 15th of October. **No changes can be made after this period.** Application to change courses must be made to the Registrar's Office.

ADVISERS

At the time of registration each student entering the University for the first time is interviewed by a member of the Committee of the Board of Student Advisers. At this interview the student is given any information or advice that he may need and is assisted in the selection of his courses. At the same time he is assigned to an adviser whom he may consult at any time and should consult at least once a month.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each undergraduate in the Faculty is required to register for one of the three bachelor's degrees offered, and, unless otherwise instructed by his Dean, must follow the regular work of his year towards this degree.

There are no specially organized courses of study in the Faculty for students intending, at the end of their First, Second or Third Year, to enter one of the other Faculties and such students are advised, before registering for the first time in the Faculty of Arts and Science, to acquaint themselves with the entrance requirements laid down by these other Faculties.

A student who has completed three years in the Arts Division and two years in the Faculty of Medicine may apply to the Faculty of Arts and Science for the B.A. degree if during both his second and his third year in this Faculty at least one of the required premedical sciences was taken in addition to the regular B.A. curriculum as an extra subject. Applications for the B.A. degree from students in Medicine who completed three years in the Arts Division before this regulation was enacted, will be considered by the Faculty on their merits.

Students completing three years in either the Arts or the Science Division of the Faculty of Arts and Science and two years in Medicine

are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc. Students will not however be recommended for the B.Sc. degree unless they have satisfied the specific requirements for that degree or their equivalent.

A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law. Students are required to take a course in Philosophy before they may sit for the Provincial Bar Examinations, and are advised to take this course before entering the Faculty of Law. The following courses are available: Philosophy 1, 2, 3, and 4 (see page 208).

ATTENDANCE

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in each course.* Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to come up for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

Excuses on the ground of illness, domestic affliction or accident are dealt with only by the Deans of the respective Faculties.

Excuses for absences in excess of one-eighth are entertained only in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of the Faculty. Medical certificates covering absences must be presented at the Dean's office by the student immediately after his return to University work. Such certificates are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all the professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the Professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

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*Physical Education is included under this regulation.

MID-SESSIONAL EXAMINATIONS

There are no regular mid-sessional examinations in January except in courses which are given only in the first term, and in these courses the examination may be held in May with the other final examinations if the Department so desires. Members of the teaching staff may, however, give from time to time such interim examinations as they think necessary.

FINAL EXAMINATIONS

The final examinations are held in April and May.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent, and the marks for first and second class standing are 80 per cent and 65 per cent respectively.

ADVANCEMENT TO REGULAR STANDING IN ANY YEAR

An undergraduate is in regular standing only if he has completed all the courses of his previous years.

An undergraduate who has not passed all his examinations in May will have his standing determined in September, on the results of the regular supplemental examinations.

REGULATIONS CONCERNING SUPPLEMENTAL EXAMINATIONS

A student who has failed in one or more courses is expected to write the regular supplemental examinations in these courses in the following September.

A student who fails to pass a supplemental examination in September or who is prevented by illness or other compelling reason from writing, may apply to the Dean for permission to write either a special supplemental examination in the January following or the next regular sessional examination in May, provided that in the latter case there is no conflict in the examination time table.

All applications for supplemental examinations must be made to the Dean in writing and must reach the office of the Dean before September 1st (for the September supplemental examinations), December 1st (for the January supplemental examinations) and March 15th (for the May sessional examinations if written as supplemental examinations).

The fee for supplemental examinations, for special supplementals or for the sessional examinations in May taken as a supplemental is $10.00 for each paper. The fee must accompany the written application and is payable to McGill University.

ADVANCEMENT WITH CONDITIONS

If after the supplemental examinations in September a student still has a failure in only one full course or two half-courses of the year he is attempting to complete, he may proceed to the following year *conditioned* in this course or in these two half-courses.

A student who has been conditioned in any course for a year is not promoted until the condition is removed. As an example, a student of the second year conditioned in a first year course **must** complete this course before he can enter the third year.

A student may remove a condition either by passing a supplemental examination or by repeating the course as an extra or, if the course is not a required course for his degree, by substituting for such a course a different course, by permission of the Dean. The condition is not removed if the student fails to pass such a substituted course.

FAILURE TO ADVANCE: PROBATION

1. A student who after the September supplemental examinations is not qualified to proceed either as a regular or as a conditioned student is placed *on probation.*

   Examples:—A second year student who has failed to remove a first year condition, or a student who has failed in more than one full course of the past session.

2. A student remains on probation until his deficiencies are removed.
3. A student on probation is required to take a year of study consisting of at least four courses. Courses required for the student's degree must be repeated in the year of probation if the student has previously failed in them. The remainder of the courses are selected with the approval of the Dean.
4. All the courses of the year of probation must be passed before the student will be admitted to regular standing.
5. Courses taken to fulfil the requirements of the year of probation can not be credited to a subsequent year of regular standing.

WITHDRAWAL FROM THE FACULTY

Students whose records do not justify their continuance in the Faculty may be requested to withdraw.

HEALTH SERVICE

See page 148.

FEES

Tuition Fees

1. *Undergraduates*

Annual undergraduate fee for B.A. students	$215.00
By instalments: Each of two instalments	110.00
Annual undergraduate fee for B.Sc. students	235.00
By instalments: Each of two instalments	120.00

Limited Undergraduates

In the First and Second Years, per course (B.A. students)	$45.00
In the Third and Subsequent Years, per course (B.A. students)	55.00
In the First and Second Years, per course (B.Sc. students)	50.00
In the Third and Subsequent Years, per course (B.Sc. students)	60.00

Partial Students

At the rate of $20.00 for one hour of instruction each week throughout the session.

The total Partial or Limited Undergraduate Fee will not exceed the full undergraduate fee.

Partial Students in the Faculty of Arts and Science may take a Special Course in the Department of Physical Education on payment of $5.00.

High School Diploma Course for Graduates

Students in the Graduate Year leading to the High School Diploma pay a University fee of $120. This does not include the fee of $20 for the special course in teaching French, Music, and Drawing (see page 188).

2. Students of the Faculty of Arts and Science who are permitted by the Dean to take lectures in the School of Commerce as part of their regular course, pay an additional fee of $10.00 for each course in Commerce.

3. Graduates of the Faculty taking undergraduate lectures for which no academic credit is sought pay one-half the partial fee, with a maximum of one hundred and fifty dollars. Graduates of the Faculty and Graduates of other Universities attending full courses in affiliated theological colleges who are taking undergraduate lectures for which credit is sought will pay the regular partial fee, with a maximum of one hundred and fifty dollars. This does not apply to courses for which there is a special fee.

Other University Fees

4. Late registration, after September 28th ..... $ 5.00
   Late registration, after October 5th 10.00
   Late payment fee 2.00
   Fine for late medical examination (see page 148).....5.00 or 10.00
   Supplemental Examinations, each paper 10.00
   Receipts for the supplemental fees must be shown to the Dean's Office before the examination.
   Duplicate Graduation Diploma 10.00
   Conferring degree *in absentia* 10.00
   Certified copy of student's record 1.00
   Additional copies (at same time) ..... .50
5. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities

6. A sessional fee of $20.00 is payable by all men undergraduates and $15.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletics Board.
7. Partial students pay $3.00 for athletics. If they desire such of the privileges of Section 6 as are open to them, an additional $9.50 is charged for men students and $5.50 for women students.

General Regulations

8. *Dates of Payment.* Fees are due and payable at the Bursar's Office from 9 a.m. to 1 p.m. and from 2.30 to 4 p.m. during the following period:—

   Wednesday, September 28th to Tuesday, October 4th.

   If desired, fees may be remitted by mail before this period. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.
9. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 10.
10. Immediately after the prescribed dates for the payment of fees the Bursar will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time

as the fees are paid or a satisfactory arrangement is made with the Bursar.

11. All fees are payable in Canadian currency.

BOARD AND RESIDENCE

For Men.

Douglas Hall.

Douglas Hall, the new University residence for men, was opened in September, 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. There are also a limited number of separate study-bedrooms. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc. Application forms may be obtained from the Registrar's Office or from the Warden's office.

Hall fees, including board and residence:

Faculty	Per Session
Arts and Science, Engineering, and Law	$360
Fourth and fifth years of Medicine and third and fourth years of Dentistry	380
First three years of Medicine and first two years of Dentistry	420

One half the fee is payable at the beginning of the session, one quarter on the 10th January, and the balance on the 1st April.

Lodgings.

Residential accommodation is provided for about 60 students in Strathcona Hall, the home of the Student Christian Movement in McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates.

The cost of board and lodging in approved rooms varies from $35 to $60 per month. Separately, good board costs from $25, and a room from $12 upwards per month.

For Women

See Royal Victoria College, page 227.

STUDENTS' EXPENSES

Approximate Total Annual Cost.

In all years the session extends approximately from October 1st to May 15th. At the end of their final year students usually remain for Convocation, which takes place about the 29th of May.

	B.A. Students	B.Sc. Students
Tuition fees	$215	$235
Athletics, Union, etc.	20	20
Board and lodging (average)	300	300
Books, apparatus, etc.	20	25
Total	$555	$580

Undergraduates in Arts and Science residing in affiliated theological colleges, with a view to a course in theology, are able to obtain board and lodging for less than the minimum shown above, and the expense under the head of "Books" can be reduced by purchasing these second-hand.

In the above estimates no account is taken of personal expenses such as the cost of clothes, laundry, amusements, etc., nor of the caution money deposit of $10.00. (See page 159).

For fees in Medicine, Engineering, Law, see pages 159, 261, and 389.

SPECIAL FEE FOR WIVES OF STAFF

Wives of members of the teaching staff may, with the consent of the lecturer concerned, attend any University course on payment of a fee of $10.00. Courses taken under this regulation cannot be counted towards a degree.

IMMIGRATION

See page 149.

DEGREES AND COURSES OF STUDY

The Faculty of Arts and Science offers courses of study leading to three degrees:

Bachelor of Arts.
Bachelor of Science.
Bachelor of Commerce.

A course of study for the Arts degree is predominantly concerned with the Humanities, comprising language and literature, economics, history, political science, psychology, sociology, mathematics and philosophy. The emphasis of the course of study for the Science degree is upon mathematics, physics, chemistry, geology, biology and the more special developments of science based on these sciences. In the case of both the Arts and the Science degree the course of study includes one or more subjects from the other division. For the B.Com. degree see page 234.

There are two distinct kinds of degrees conferred in Arts and Science, the General Degree and the Honours Degree.

A student proceeding to a General Degree has a wide range of subjects from which to choose his courses but he must concentrate from the Second Year onward on two subjects called *Continuation Subjects* and he must select one or more courses in other subjects so that there may be a proper distribution of his studies. The continuation subjects are chosen from a list of those which are laid down as appropriate to the degree for which the student is a candidate. A full course (or two half-courses) must be taken each year in each of these two continuation subjects. The elective courses necessary to make up the work of each year should be chosen by the student so that he may fulfil (*a*) the requirements of that particular year and (*b*) the prerequisite requirements of any course that he wishes to take in the following year.

When the student's record during his Second, Third and Fourth Years of the General Course averages a high second class standing a special award of Distinction is made at graduation. When the record averages first class standing the award made is Great Distinction.

A student proceeding to an Honours Degree chooses either (a) one subject or (b) two cognate subjects in which to specialize. He will also take courses in other subjects selected with the approval of the department or departments in which he is studying. The honours courses normally begin in the Second Year, though in the case

of students of exceptional merit they may be commenced in the Third Year. The student must attain at least second class standing each year in order to continue in the course for the honours degree. The whole record during the Second, Third and Fourth Years is taken into consideration at graduation and honours are awarded by the Faculty on the recommendation of the department or departments in which the student has elected to study.

Subjects and Courses Required for the Degree of Bachelor of Arts

Every candidate for the B.A. degree must meet certain requirements whether he is proceeding towards an Honours or a General degree. A course in Classics (Greek or Latin), in English, and in Mathematics is required in the First Year of study. An exemption from the requirement of Mathematics is made, however, where the student has shown marked ability in languages; in this case he may take, with the Dean's permission, three languages in the First Year (exclusive of English). There is further required of all candidates for the degree a course in a modern foreign language, which may be taken in any year.

Where a student chooses to begin the study of a language in order to meet either the classics or the modern language requirement he must take and pass a further course subsequent to the elementary one to satisfy this language requirement. This rule applies, for example, to a student who begins the study of Greek or German or Spanish (there is no beginning course in French): in every case the elementary course alone will not satisfy the requirement for the B.A. degree. On the other hand a beginning course is given full credit when it is taken as a simple elective which is not to be counted towards satisfying the language requirement, except that in the Fourth Year such an elementary course is treated as only a half-course.

For the General B.A. degree there is further the requirement of one course in a science subject, which may be taken in any year.

A student proceeding to an Honours degree is not required to take a course in Science.

In each of the First and Second Years five courses must be taken, that is, normally fifteen hours of class work per week; and in the Third and Fourth Years respectively, four courses, making twelve hours per week. The third hour each week in each individual course may be devoted to group conferences.

First Year of the B.A. Course (for both General and Honours Degrees)

(*a*) *Compulsory Courses*:

Latin or **Greek.**
English 1 and **2.**
Mathematics.
(see above, the exemption to students of languages).
Physical Education (two hours per week), where possible.

(*b*) *Elective*:

Two of the following:—

History.
Greek or **Latin** (if not already taken).
French.
German.
Spanish.
Science (Physics 1 or **1B** or **Chemistry 1** or **16** or **Botany 1** or **Zoology 1** or **Natural Science 1).**

Details of the work in each subject are given on pages 173 to 223.

Students seeking to qualify for the High School Diploma of the Province of Quebec have certain additional requirements to fulfil in both the First and Second Years. See page 187.

The student is normally free to elect *two* courses in the First Year which, together with the three compulsory courses, complete the total of five required for that year. In choosing these electives, however, the student is advised by those who are registering him to give careful consideration to his selection. Three points must be remembered: (a) He has to consider the desirability of choosing a course in a modern foreign language; this may be taken in any year, but it is preferable to take it not later than the Second Year, because a student who subsequently elects to take an Honours course in some other subject than a foreign language may find it difficult to take this compulsory language course in the Third or Fourth Year when he is likely to be fully occupied with his Honours studies. (b) Unless he is intending to take an Honours course he has to choose, at some time or other during his four years, one of the science courses. (c) If he has in view taking an Honours course he must be careful to select the course in the First Year which is the prerequisite for such Honours study in the Second Year. Students who intend, for example, to study History as either an Honours or a Continuation subject are cautioned to look up the requirements for History stated on page 203. For some subjects however, there are no perequisites laid down in the First Year for subsequent Honours or Continuation study.

ADVANCED COURSES IN THE FIRST YEAR

Some departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the departments when lectures actually commence and there is in such cases no separate registration for them.

INTERIM TESTS

There are two regular interim tests for all students of the First Year, the first being held near the middle of November and the second during the week preceding the Christmas vacation.

The test is usually the equivalent of a standard examination of one hour.

All students who fail in more than one-third of these tests are not allowed to be members of a College athletic team, to hold office in any College society, or to take part in any major student activity.

THE GENERAL B.A. CURRICULUM IN SECOND, THIRD AND FOURTH YEARS

At the beginning of the Second Year a student proceeding to a General B.A. degree must choose two subjects from those listed below in Division I. These two subjects are designated Continuation Subjects and are to be studied during the Second, Third and Fourth Years. A full course (or two half-courses) must be taken *each* year in each of the Continuation Subjects. The additional courses necessary to make the total of five for Second Year, and four for each of the Third and Fourth Years, may be chosen from any of the subjects shown in either Division I or Division II listed below. The student in choosing his elective courses may seek the advice of one of the departments in which he chooses a continuation course. A student may select only those courses, for which he has the prerequisites laid down by the department in which such courses are given, and he is responsible for seeing that the courses chosen do not conflict as regards hours of lectures or laboratory periods.

Physical Education is compulsory for women students in the Second and Third Years, two hours a week. See page 224.

SUBJECTS OF STUDY OFFERED FOR THE ARTS DEGREE

Division I

Economics.
English.
French.
German.
Greek.
History.
Latin.
Mathematics.
Philosophy.
Physics (when taken as a Continuation Subject with Maths.)
Political Science.
Psychology.
Sociology.
Spanish.

Division II

Ancient History.
Botany.
Chemistry.
Education.
Genetics.
Geology.
Natural Science.
Physics.
Physiology.
Zoology.

A course intended primarily for First Year students may be counted as a full course in the Second Year.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may take in the Third and Fourth Years the courses which constitute the ordinary curriculum in Arts and Science, less a half course each year or a whole course in one year.

Honours lecture courses are open to properly qualified general students.

THE HONOURS B.A. CURRICULUM IN SECOND, THIRD AND FOURTH YEARS

At the beginning of the Second Year a student proceeding to an Honours B.A. degree may elect to take full honours in one subject or half honours in each of two cognate subjects; these subjects must be chosen from the list given in Division I (see above). Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 173 to 223.

Normally when a student takes honours in two subjects, his certificate on graduation will indicate that the work done in each of these two departments amounts to only half a full Honours course in that department: e.g. First Class Honours in English (one-half) and History (one-half), or First Class Honours in English (one-half) and Second Class Honours in History (one-half). But in the departments of Classics and of Economics and Political Science each of which is

divided into two sections—Classics into Latin and Greek and Economics and Political Science into Economics and Political Science, honours in each of these sections is equivalent to half-honours in another department and can be so combined; therefore the certificate on graduation will indicate these merely as honours: e.g. First Class Honours in Greek and Second Class Honours in Latin, or First Class Honours in Economics and Second Class Honours in History (one-half).

The conditions for entering Honours courses in Second Year are as follows:—

(a) A student must not have failed in more than one subject at the final spring examinations in the First Year.

(b) The sanction of the Dean and of the Heads of the Departments in which Honours are elected must be obtained.

(c) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

A Second Year General student who shows exceptional merit in any subject in his Second Year examinations may, if he so wishes, and if the Head of the Department is satisfied that his knowledge of the subject is sufficient to enable him to reach the standard of Honours by two more years' study, be allowed to take up the Honours course in that subject at the beginning of his Third Year.

Honours courses in the Second Year consist of 15 hours per week and in each of the remaining two years 12 hours, covering lectures, conferences and tutorial classes. The work also involves wide reading and in addition to the actual subjects of lectures, study in the general subject selected, in accordance with a definitely prescribed programme Attention is drawn to the fact that lectures are not given on all parts of the work, and that the examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

In the Second Year a student registering for Honours in one subject only, fulfils the requirement of fifteen hours by taking a minimum of two courses or six hours in his Honours subject, and, in addition, such other courses in other departments (bringing the total to fifteen hours) as the department under which he is studying may direct. A student registering for combined Honours in two subjects fulfils the requirement of fifteen hours by taking two full courses in each Honours subject, or twelve hours altogether, and, in addition, one other course, (making a total of fifteen hours) such as the two departments under which he is studying may direct. In regard to Honours courses for the Third and Fourth years the student should consult the regulations of the individual department under which he is working.

Departments are at full liberty to recommend their Honours students to take one or more courses in cognate subjects as the equivalent of courses in their own departments.

Honours students who fail to attain second class honours standing at the end of the Second or Third Year must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third Year examinations is not allowed to continue his Honours course except with the consent of the Faculty.

A student's whole record during his Second, Third and Fourth Years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain second class honours at graduation, or who succeed in attaining second rank honours only in one of two combined courses, must revert to the list of General students and if they are unable to satisfy the requirements of the General B.A. they will not be granted a degree.

Honours are awarded by the Faculty on the recommendation of the department or departments in which Honours are elected.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF SCIENCE

An undergraduate may proceed either to a General or an Honours B.Sc. degree; as the distinction between these is not made until the second year (or, in some cases, the third year), there is a common curriculum to be followed by all first year students.

First Year

English 1 and 2.

French 15 or **German 3.**

Mathematics 1.

Physics 1.

Chemistry 1 and **1L.**

Natural Science 1.

Physical Education (2 hours per week), where possible.

German must be taken by any student who has not matriculated in German, and French by any student who has not matriculated in French. This does not apply to pre-engineering students except those preparing for Chemical Engineering.

In special cases a qualified student may be granted permission to substitute for Natural Science 1 either Botany 1, Geology 1, Physiology 1, or Zoology 1. It is recommended that students intending to take an Honours course in Biological Science substitute Botany 1 for Natural Science 1. More advanced courses are available also in Chemistry, Mathematics and Physics for those specially qualified or contemplating Honours.

For general information on CHANGE OF COURSE, on ATTENDANCE, on EXAMINATIONS and SUPPLEMENTAL EXAMINATIONS, and on ADVANCEMENT FROM YEAR TO YEAR see pages 154, 156, 157; on DISTINCTION in the GENERAL COURSE see page 162; on special requirements for the HIGH SCHOOL DIPLOMA see page 187; and on INTERIM TESTS see page 165.

THE GENERAL B.Sc. CURRICULUM IN THE SECOND, THIRD AND FOURTH YEARS

In each of these years five courses are required; these courses must be spread over at least four subjects, and must be selected from the groups given below. The student is also required to pursue a continued study of two subjects during the major part of his last three years for the General degree. The normal sequence of courses in any subject chosen for continuation is shown in Group I below. Since courses in Bacteriology, Biochemistry and Physiology are usually begun in the third year, a student is not obliged to choose these subjects for continued study until the beginning of his third year; in other cases he may commence his continuation subjects at the beginning of his second year. In any year a specially qualified student may be allowed, upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

A student is not allowed to take an Extra Course unless he has obtained at least a second class standing in his previous year's work.

Second Year Requirements

Three subjects from Group I; one course from Group III and one course from Group I or II or III.

Third Year Requirements

Two subjects from Group I; one course from Group I or II; one course from Group III, and one course from Group I or II or III.

Fourth Year Requirements

The same as for Third Year, the two subjects previously chosen from Group I being continued throughout this year. It is permissible, however, to drop one of these continuation subjects in the fourth year provided that two courses be taken in the remaining continuation subject; in this case the student's courses may be spread over three instead of four subjects.

GROUP I (Continuation Subjects).

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Biochemistry.	see below*	1.	2
Botany.	1, 2.	2 and 3 $\frac{\text{or}}{\text{and}}$ 4.	4 and 5 $\frac{\text{or}}{\text{and}}$ 6.
Chemistry.	2 or 3 or 4.	2 or 3 or 4.	any one advanced course.
Genetics.	1.	3 or 2 and 4.	3 or 2 and 4.
Geology.	1, or 5 and 6	2 to 13. (any one course to be chosen).	2 to 13 (any one course to be chosen).
Mathematics.	2.	43 or 3 or 4 $\frac{\text{or}}{\text{and}}$ 5.	3 or 4 or 8.
Physics.	2.	3A and (3B, 4)	(8A, 9) or (8A, 11) or (5A, 6C).
Physiology.		1.	2.
Zoology.	1.	2 or 3.	2 to 7. (any one course to be chosen).

*If Biochemistry is to be taken as a continuation subject in the Third Year, Chemistry 2 and Physiology 1 must be taken in the Second Year.

A student selecting Physics as a continuation subject must also select Mathematics in the first three years.

GROUP II (Non-Continuation Subjects).

SUBJECT	COURSES
Biochemistry.	1, 2.
Botany.	1, 2, 3, 4, 5.
Chemistry.	2, 3, 4, 5, 6, 8, 9, 10.
Geology.	1 to 13.
Genetics.	1, 2, 3, 4.
Histology.	1.
Mathematics.	2, 43, 3, 4, 5, 8.
Physics.	2P, 2, 3A, 3B, 4, 5A, 8A, 9.
Physiology.	1, 2.
Zoology	1, 2, 3, 4, 5, 6, 7.

GROUP III (Arts Subjects).

Economics and Political Science.
Education.
English.
French.
German.
Greek.
History.
Latin.
Philosophy.
Psychology.
Sociology.

In selecting courses students should consult the departments concerned.

Details of the courses are given on pages 173 to 223.

HONOURS COURSES FOR THE B.Sc. DEGREE

Honours Courses begin normally in the second year and are offered in Bacteriology, Biochemistry, Botany, Chemistry, Geology, Mathematics, Mathematics and Physics (combined), Physiology, and Zoology. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 173 to 223.

The conditions for entering Honours courses are as follows:—

(a) A student must not have failed in more than one subject at the final spring examinations in the First Year.

(b) The sanction of the Dean of Science and of the Heads of the Departments in which Honours are elected must be obtained.

(c) No student may take Honours unless he has obtained at least a second class standing in the first general course offered in the subject elected.

Attention is drawn to the fact that lectures are not given on all parts of the work. The examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

Honours students who fail to attain second class honours standing at the end of the Second or Third Year (and Third Year in the cases of Bacteriology, Biochemistry, Physiology and Zoology) must revert to the General Course in subsequent year or years, unless they obtain special permission to continue their honours work from the department or departments concerned.

An Honours student who has failed in any course of his Honours subject in the Third Year Examinations is not allowed to continue his Honours course except with the consent of the Faculty.

Students in honours courses who fail to attain second class honours at graduation, or who succeed in attaining second class honours only in one of two combined subjects, must revert to the list of General students.

Honours are awarded by the Faculty on the recommendation of the department or departments in which Honours are elected. A student's whole record during his Second, Third and Fourth years will be considered in awarding Honours at graduation.

ENGINEERING PHYSICS

This course is intended to train men for research or academic positions. Subject to the approval of the Heads of the Departments of Electrical Engineering and Physics, it is available to

(1) students in the Faculty of Arts and Science entering their third year who have satisfactorily completed the Second Year Honour Course in Mathematics and Physics.

and (2) students in Engineering who have completed the first and second years with first or second class standing in Mathematics and Physics.

Third Year

Mathematics 6 and 7.
Physics 5A (or 10) 5B, 6B (or 8B).
Electrical Engineering 113, 114.

Fourth Year

Mathematics 10 or 11.
Physics 6A, 7A, 7B, 8A, 8B (or 6B), 9, 10 (or 5A).
***Summer Thesis or Shop Work.**

The student may now receive the B.Sc. degree with Honours in Mathematics and Physics. In his fifth year he may either proceed towards the M.Sc. degree taking some of the fourth year Electrical Engineering courses as advised by the Heads of the Departments of Physics and Electrical Engineering; or, if he has completed the first and second years in Engineering, he may proceed to the degree of Bachelor of Engineering in Electrical Engineering, taking such subjects of the third and fourth year courses in Engineering as are approved by the Faculty of Engineering.

COURSES OF LECTURES IN ARTS AND SCIENCE

The hours of all General lectures and most of the Honour lectures are indicated. In the case of the other Honour lectures the hours are arranged by the several departments at the opening of the session.

*This is required in the case of students proceeding later to the degree of B.Eng.

DEPARTMENT OF ANATOMY, HISTOLOGY AND EMBRYOLOGY

PROFESSOR OF ANATOMY:—C. P. MARTIN.

PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON.

ASSISTANT PROFESSORS:—H. D. O'BRIEN. H. SELYE.

DEMONSTRATOR:—J. R. DEAN

Before registering for the following course, students must consult the head of the department to ensure that they are qualified to undertake the work.

MICROSCOPIC ANATOMY

1. Histology.

This course, which is a regular course in the medical curriculum, begins on Wednesday, the 31st of August 1938. Four three-hour periods a week in the first term of the medical year and one three-hour period a week in the second term.

DEPARTMENT OF BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY.

ASSOCIATE PROFESSOR:—FREDERICK SMITH

ASSISTANT PROFESSOR:—T. E. ROY

LECTURER:—C. D. KELLY

DEMONSTRATORS:—D. H. STARKEY, RUTH P. DOW, N. W. MCLELLAN

TEACHING AND RESEARCH FELLOW:—W. H. MATHEWS

(All lectures and laboratory courses are given in the Department of Bacteriology, Pathological Institute.)

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty-two lectures and 96 hours' practical work, commencing February 19th. Available to Medical and Dental students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Bio-chemistry; also to students in their 3rd year in Arts and Science reading for B.Sc. Honours in Bacteriology, and to graduate students.

Course 2. Applied Medical Bacteriology and Immunity and the Processes of Infectious Diseases.

Available to Medical students who have completed two years of clinical work.

Course 3. Bacteriology and Immunity *for Honours B.Sc.* (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work (full details of this course can be obtained from the Registrar's Office).

Text books:—Hans Zinsser & S. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir & J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett & James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie & J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park & A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley & G. S. Wilson, The Principles of Bacteriology & Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson et Cie); A. Calmette, L. Negri et A. Boquet, Manuel technique de Microbiologie et Serologie (Masson et Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins); E. O. Jordan, Textbook of General Bacteriology (W. B. Saunders Co.); Frederick P. Gay, Agents of Disease and Host Resistance (Charles C. Thomas); Practical Bacteriology, Haematology and Animal Parasitology, E. R. Stitt, P. W. Clough and M. C. Clough (P. Blackston's Sons & Co.); An Introduction to Bacteriological Chemistry, C. G. Anderson (Macmillan Co. of Canada).

CURRICULUM FOR B.SC. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First year and good standing maintained in subsequent years.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years.

The following course of study has been found suitable for most students, but may be modified to suit individual cases.

First Year: First year B.Sc.

Second Year: Physiology 1; Histology; Zoology 1; Chemistry 2, 4, and 10.

Third Year: Biochemistry 1a and b; Physiology 2a and 3b; Botany 3B; Zoology 4B; Bacteriology 1c; Pharmacology 1 and 2.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

GRADUATE COURSES

See page 427.

DEPARTMENT OF BIOCHEMISTRY

PROFESSORS:—J. B. COLLIP, D. L. THOMSON

LECTURER:—O. F. DENSTEDT

1. General Physiological Chemistry.

1. Lectures: Monday, Wednesday, Friday at 9.

Text-books:—Bodansky, Introduction to Physiological Chemistry (Wiley); Cameron, Text-book of Biochemistry (Macmillan).

1 L. Laboratory:—Two 3-hour periods weekly, selected from Monday and Friday mornings, Tuesday and Thursday afternoons. A synopsis of the course is issued by the Department.

Note:—This course is given from September 1st to February; students who have passed Chemistry 10 may, however, be permitted to join the class at the opening of the Session in Arts and Science. Prerequisites are Chemistry 2, Physiology 1.

2. Endocrinology.

Lectures:—Wednesday at 3.

Text-book:—Cameron, Recent Advances in Endocrinology (Blakiston or Churchill).

Note:—Students should have taken, or should take concurrently with this course, Biochemistry 1, Histology 1.

3. Advanced Biochemistry.

Lectures:—Tuesday, Thursday, Saturday at 9.

Text-book:—Harrow and Sherwin, Text-book of Biochemistry (Saunders); Hawk and Bergeim, Practical Physiological Chemistry (Blakiston).

3 L. Laboratory:—12 hours weekly, times to be arranged. First Term. For Honours students in the Department only.

Note:—Prerequisites are Biochemistry 1, Chemistry 4.

4. Nutrition and Metabolism.

4 Lectures:—Monday, Friday at 2.

4 L. Laboratory:—12 hours weekly, times to be arranged. Second Term. For Honours students in the Department only.

Note:—Biochemistry 1 is prerequisite.

GRADUATE COURSES

See page 428.

HONOUR COURSE IN BIOCHEMISTRY

First Year

First Year B.Sc.

Second Year

Physiology 1,
Chemistry 2, 4 and 10,
Physics 2P or Chemistry 3,
Zoology 1 or Mathematics 2,
German 4.

Third Year

Biochemistry 1 and 2,
Physiology 2,
Histology 1,
Bacteriology 1.

Fourth Year

Biochemistry 3 and 4,
Chemistry 5 or other selected subject.

Candidates for the Honour B.Sc. Degree in Biochemistry are expected to attain at least second class standing in all subjects, and 75 per cent in Biochemistry 1.

DEPARTMENT OF BOTANY

PROFESSOR:—GEORGE W. SCARTH
ASSISTANT PROFESSOR:—R. D. GIBBS
INSTRUCTOR:—JANE D. SPIER
DEMONSTRATOR:—J. H. WHYTE

Natural Science I.

A conjoint course in Botany, Zoology, and Geology. Lectures Mon., Wed., Fri. at 12.

Professor Scarth.

1. General Botany.

Tu., Th. at 9; laboratory Mon. 2-5.

Professor Gibbs and Dr. Spier.

2A. Histology and Microtechnique.

First term: Mon., Wed. at 11. Laboratory Tu. 2-5.

Dr. Spier.

2B. Taxonomy of Flowering Plants.
Second term: Mon., Wed. at 11. Laboratory Tu. 2-5.
Mr. Whyte.

3. Comparative Morphology and Taxonomy (Advanced)
Wed., Fri. at 2. Laboratory; 6 laboratory hours to be arranged.
Dr. Spier and Professor Scarth.

4A. General Physiology.
First term: Tu., Th. at 12; laboratory Th. 2-5.
Professor Scarth and Mr. Whyte.

4B. Plant Physiology.
Second term: Tu., Th. at 12; laboratory Th. 9-12, 2-5.
Professors Scarth and Gibbs.

5. Plant Biochemistry.
Tu., Th. at 11; 6 laboratory hours to be arranged.
Professor Gibbs.

6A. Plant Ecology.
First term: Mon., Wed. at 12. Laboratory Wed. 2-5.
Mr. Whyte.

6B. Mycology.
Second term: Mon., Wed. at 12. Laboratory Wed. 2-5.
Dr. Spier.

Biological Colloquium
The Staff and Graduate Students.

HONOUR COURSE IN BOTANY

First Year: As for general B.A. or B.Sc.; Natural Science 1 or preferably Botany 1 should be included.

Second Year: Botany 1 (if not already taken), Botany 2A and 2B.

Third Year: Botany 3 *or* 6A and 6B, 4A and 4B.

Fourth Year: Botany 3 *or* 6A and 6B, 5.

The year and order in which courses are taken may be modified to suit individual requirements. Botany 1 is a prerequisite to all other courses except 2A, 2B and 4A.

The courses to be taken by an honours student in the 2nd, 3rd or 4th year must be approved by the Head of the Department before the student registers. Zoology 1, Chemistry 2 and 4, and Genetics 1 are among the courses recommended.

Other courses to be selected with the advice of the Department.

GRADUATE COURSES

See page 429.

TEXT BOOKS

General Botany: Chamberlain—Elements of Plant Science (McGraw-Hill); Holman & Robbins—Text-book of General Botany (Wiley); Sinnott—Botany, Principles & Problems (McGraw-Hill); Hill *et al*—Botany (McGraw-Hill); Wilson & Haber—Plant Life (Holt); Smith, Overton *et al*—Gen. Botany (Macmillan); Strasburger—Text-book of Botany (Macmillan); Tansley—Plant Biology (Allen & Unwin).

Histology and Microtechnique: Eames & MacDaniels—Introduction to Plant Anatomy (McGraw-Hill); Chamberlain—Methods of Histology (Univ. Chicago Press).

Physiology and Biochemistry: Scarth & Lloyd—General Physiology (Wiley); Text books of Plant Physiology by Maximov (McGraw-Hill), James (O.U.P.), Palladin (Blakiston), Raber (Macmillan), Thomas (Churchill), and Miller (McGraw-Hill); Kostychev—Chemical Plant Physiology (Blakiston); Onslow—Principles of Plant Biochemistry (C.U.P.); Onslow—Practical Plant Biochemistry (C.U.P.); Haas & Hill—Chemistry of Plant Products (Longmans); Morrow and Sandstrom—Lab. Methods in Biochem.

Taxonomy: Gray's Manual (American Book Co.); Spotton *et al*—Wild Plants of Canada (Gage); Marie Victorin—Flore Laurentienne; Pool—Flowering Plants (McGraw-Hill).

Ecology: Braun and Blanquet.—Plant Sociology (McGraw-Hill).

Mycology: Bessey—Text of Mycology (Blakiston).

DEPARTMENT OF CHEMISTRY

PROFESSORS:— O. MAASS, HAROLD HIBBERT, W. H. HATCHER

ASSOCIATE PROFESSORS:— E. W. R. STEACIE, J. B. PHILLIPS

ASSISTANT PROFESSORS:— J. H. MENNIE, W. H. BARNES, P. G. STEVENS

SESSIONAL LECTURERS:— JOHN H. HOLDEN, R. V. V. NICHOLLS, D. W. MACLAUGHLAN

1. General Chemistry.

Lectures, Mon., Wed., Fri., at 10 and 11.

Section A.—For Matriculants—Professor Barnes.

Section B.—For Beginners—Professor Hatcher.

Text-books:—Richardson—General Chemistry, revised edition (Holt); Deming—General Chemistry, fourth edition (Wiley, 1935).

Laboratory (1L), Tu. or Th., 2-5.
Professor Barnes and Demonstrators.

Text-book:—Barnes — General Chemistry Laboratory Manual (Renouf).

2. Organic Chemistry (Elementary) (No. 56 Fac. Eng.).
Tu., Th. at 11.....Professor Hatcher.
Laboratory, three hours, Mon. or Tu. or Fri. 2-5.
Professor Hatcher and Demonstrators.

Text-books:—Lucas, Organic Chemistry (American Book Co.). Waters, An Introduction to Practical Organic Chemistry (Arnold), and synopses.

NOTE:—Chemistry 1 and Physics 1 or equivalent are prerequisite to this course.

3. Analytical Chemistry (Elementary) (Nos. 53, 54 Fac. Eng.).

(*a*) QUALITATIVE ANALYSIS.
First term: Tu., Th., at 9; laboratory six hours, Mon., Wed., 2 to 5.
(*b*) QUANTITATIVE ANALYSIS.
Second term: Tu., Th., at 9: nine hours laboratory, Mon., Wed., 2 to 5 and three hours to be arranged.

Text-books:—Curtman, Qualitative Chemical Analysis (Macmillan); Mennie, Laboratory Instructions in Quantitative Analysis.
Professor Mennie and Demonstrators.

4. Physical Chemistry (Elementary).
Mon., Fri., at 12.....Professor Steacie.
Text-book:—Maass and Steacie, Introduction to the Principles of Physical Chemistry (Wiley).

***5. Organic Chemistry (Advanced I)** (No. 65 Fac. Eng.).
Mon., Wed. at 12.
Laboratory (5L) six hours per week.
Professor Stevens and Demonstrators.

Text-book:—Fieser, Experiments in Organic Chemistry (Heath).

***6. Inorganic Chemistry (Advanced)** (No. 72 Fac. Eng.).
Tu., Th., at 10.....Professor Mennie.

Text-book:—Caven and Lander, Systematic Inorganic Chemistry (Blackie & Son).

***7. Physical Chemistry (Advanced I)** (No. 66 Fac. Eng.).
Fri., at 12.....Professor Maass.
Text-book:—Nernst, Theoretical Chemistry (Macmillan).
Reference book:—Taylor, Treatise on Chemistry (Van Nostrand).

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*Courses for Graduates and Honour Students.

***7L. Physical and Colloid Chemistry Laboratory** (No. 66A Fac. Eng.).
Nine hours.....Professors Maass, Steacie, and Demonstrators.
Text-book:—Daniels, Matthews & Williams, Experimental Physical Chemistry (McGraw-Hill).

8. Quantitative Analysis (Advanced I).
Mon., at 11; six hours laboratory per week.
Prerequisite Chem. 3a and 3b.
Text-books:—Mennie, Laboratory Instructions in Quantitative Analysis.
Professor Mennie and Demonstrators.

***9. History of Chemistry** (No. 74 Fac. Eng.).
Thurs. at 11.....**Professor Barnes.**

10. Carbohydrates, Fats, Amino-acids, etc. (No. 58, Fac. Eng.).
Second term: Tu., Th., at 12. Prerequisite Chem. 2.
Professor Hatcher.

***11. Electro-Chemistry** (No. 70 Fac. Eng.).
Mon. at 9.....Professor Mennie.
References:—Creighton, Electro-Chemistry (Wiley); Glasstone, Electro-Chemistry of Solutions (Methuen).

***12. Physical Chemistry (Advanced II)** (No. 66 Fac. Eng.).
Wed., Fri., at 9.....Professor Maass.
Text-book:—As in 7.

13. Inorganic Chemical Technology.
Prerequisite Chem. 1.....Professor Phillips.
Optional reading course. Conferences.

14. Organic Chemical Technology.
Prerequisite Chem. 1 and 2.....Professor Phillips.
Optional reading course. Conferences.

***15. Colloid Chemistry** (No. 75 Fac. Eng.).
Tu. at 11 .....Professor Steacie.
Text-book:—Kruyt, Colloids (Wiley).

16. The Chemistry of Daily Life.
Tu., Th. at 2 .....**Professor Hatcher.**
Open to B.A. students without laboratory; also to students in the School of Nursing, with three hours laboratory to Feb. 28th.

***17. Thermodynamics** (No. 76 Fac. Eng.).
Tu. at 9, Fri. at 10.....**Professor Steacie.**
Text-book:—Butler, Chemical Thermodynamics, Vol. II (Macmillan).

***Courses for Graduates and Honour Students.**

*18. **Organic Chemistry (Advanced II).**
Second term: Mon., Wed., at 10.....Professor Stevens.

*19. **Physico-Organic Chemistry.**
One hour per week.....Professors Barnes and Hatcher.

*20. **Organic Chemistry (Advanced III).**
Nine hours laboratory per week.....Professor Stevens.
(To be given in 1939-40.)

*21. **Analytical Chemistry (Advanced II).**
One hour lecture and six hours laboratory per week.
(To be given in 1939-40).....Professor Mennie.

GRADUATE COURSES

See page 429.

B.SC. HONOUR COURSE IN CHEMISTRY

This course begins in the Second Year. First Year students intending to take honours in Chemistry must consult the Department before the end of the session. Those who have taken Chemistry IB are normally required to do some additional reading and to pass a qualifying examination at the end of the summer vacation.

Prerequisites: At least second class standing in Chemistry 1 and 1L, Mathematics 1 and Physics 1 or their equivalents.

Second Year: Chemistry 2, 3a, 3b, 4; Mathematics 2 or 3; Physics 3a.

Third Year: Chemistry 5, 6, 7, 7a, 8, 10, 11; Mathematics 3 (if not already taken).

Fourth Year: Chemistry 9, 10, 12, 15, 17, 18, 19; and Chemistry 20 and 21 to be given in 1939-40.

Note: (1) Students anticipating specialization in Chemistry are recommended to include Intermediate Mathematics in their Junior Matriculation subjects.

(2) Students applying to enter the Honours Course with Chemistry 1B (or its equivalent) instead of 1A may be required to pass a further qualifying examination before beginning the second year.

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*Courses for Graduates and Honour Students.

DEPARTMENT OF CLASSICS

PROFESSORS:—{W. D. WOODHEAD
CLIVE H. CARRUTHERS

ASSOCIATE PROFESSOR:—ALEXANDER M. THOMPSON

ASSISTANT PROFESSOR:—PAUL F. MCCULLAGH

LECTURER:—E. M. COUNSELL

Greek

All students taking Honours in Greek are expected to provide themselves with a grammar, a Greek-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended: Goodwin, Greek Grammar (Ginn & Co.); Liddell and Scott, Greek Lexicon (abridged or intermediate); Kiepert, Atlas Antiquus (Williams and Norgate); Smith, Smaller Classical Dictionary (Everyman Series, Dent).

1A. Beginners' Greek. First Year.

Tu., Th., Sat., at 9.....Professor McCullagh.

Text books:—Allen, First Year of Greek (Macmillan); Essays, Selected readings of Greek authors in translation.

1B. Greek. First and Second Years.

Mon., Wed., Fri., at 2.....Mr. Counsell.

Allen, First Year of Greek (Macmillan) The Martyrdom of Socrates (Doherty, Clarendon Press) Homer, Iliad vi (Leaf and Bayfield, Macmillan); Odyssey vi (Edwards, Cambridge University Press); Essays; Prose Composition, Sight Translation.

Greek 11, 12, and 13 may be taken by qualified students in the General Course. For further information consult the Head of the Department.

HONOUR COURSES IN GREEK

11. Greek. Second Year.

Tu., Th., Sat., at 9 .....Professor Woodhead.

Plato, Apology and Crito, (Burnet, Oxford); Aeschylus, prometheus Bound (Sikes and Willson, Macmillan); Sight Translation.

12. **Greek.** Second Year.

Mon., Wed., Fri., at 9.....Professor McCullagh.

Pallas Athene (North, Macmillan); Homer, Iliad 18 (Platt, Blackie); Euripides, Troades (Tyrrell, Macmillan); Essays; selected readings of Greek authors in translation.

13. **Greek.** Third Year.

Tu., Th., Sat., at 12.....Mr. Counsell.

Plato, Meno (Thompson, Macmillan); Sophocles, Oedipus Rex (Jebb, Cambridge University Press); Demosthenes, Philippic i, Olynthiacs i-iii.

14. **Greek.** Third Year.

Tu., Th., Sat., at 10.....Professor Carruthers.

Herodotus, Selections (Barbour, Heath & Co.); Aristophanes, Clouds (Merry, Clarendon Press); Thucydides vii (Marchant, Macmillan); Sight Translation.

15. **Greek.** Fourth Year.

Tu., Th., Sat., at 10.....Professor Woodhead.

Aeschylus, Persae; Aristophanes, Birds (Merry Oxford), Bucolici Græci (Oxford Classical Text).

16. **Greek.** Fourth Year.

Mon., Wed., Fri., at 11.....Professor McCullagh.

Aristotle, Ethics (Selections); Plato, Republic (Selections); Sight Translation.

Latin

All students taking Honours in Latin are expected to provide themselves with a grammar, a Latin-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended:— New Latin Grammar (Allen and Greenough, Ginn & Co.); Lewis, School Dictionary, or White, Junior Students' Latin-English Dictionary; Smith, Smaller Classical Dictionary (Everyman's Series, Dent), Kiepert, Atlas Antiquus (Williams and Norgate).

1. **Latin.** First Year.

Mon., Wed., Fri., at 10.

Petrie, Latin Reader, with Introduction; Latin Prose Composition (Marchant and Watson, Bell & Sons Ltd.); Translations at sight.

1A. Latin. First Year (for more advanced students).

Mon., Wed., Fri., at 10.....Professor Carruthers.
Selections from Latin Prose and Poetry (Harrington and Scott, Ginn & Co.); Latin Prose Composition (Tracy and Law, Clarke Irwin); Translation at sight.

2. Latin. Second Year.

Tu., Th., Sat., at 12.....Professor Thompson.
Pliny, Letters (Westcott, Allyn and Bacon); Horace, Odes I (Page, Macmillan); Virgil, Aeneid VI (Sidgwick, Cambridge U. Press); Prose Composition (Marchant and Watson) and Translation at sight.

Third Year Students in the General Course will take Latin 13; Fourth Year Students will take Latin 14.

Honour Courses in Latin

11. Latin. Second Year.

Mon., Wed., Fri., at 11 .....Professor Thompson and Mr. Counsell.
Catullus (Simpson, Macmillan); The Romans in Britain, a Selection of Latin Texts (R. W. Moore, Methuen).

12. Latin. Second Year.

Mon., Wed., Fri., at 12.....Mr. Counsell.
Livy xxii (Pyper, Clarendon Press); Virgil, Aeneid iv or vi; Horace, Selected Odes (Horace, Oxford Classical Texts), Sight Translation.

13. Latin. Third Year.

Mon., Wed., Fri., at 9.....Professor Woodhead.
Cicero, Letters (Abbott, Ginn & Co.); Roman Elegiac Poets (Harrington, American Book Co.); Sight Translation.

14. Latin. Third Year.

Mon., Wed., Fri., at 12.....Professor Thompson.
Virgil, Bucolics (Sidgwick), Georgics IV (Sidgwick); Juvenal, Selections (Duff, Cambridge University Press); Prose Composition.

15. Latin. Fourth Year.

Tu., Th., Sat., at 11.....Professor Thompson.
Suetonius, Selected Lives (Pike, Allyn and Bacon); Tacitus, Annals i and iv (Furneaux, Smaller Edition, Clarendon Press); Sight Translation.

16. Latin. Fourth Year.
Tu., Th., Sat., at 9.....Professor Carruthers.
Lucretius (Selections); Horace, Satires and Epistles (Rolfe, Allyn and Bacon).

Ancient History

Greek and Roman History and Institutions: Open to students of all years. May be taken as a half-course in the first or second term except by First Year students or students in Honour Classics.

Tu., Th., Sat., at 11.....Professor Carruthers and Mr. Counsell.

The full course is described as History 1B. See also under Department of History.

Comparative Grammar

For Third Year Honour Students.

Tu. 2.30-4.00.....Professor Carruthers.

Graduate Courses in Classics

See page 434.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors:—J. C. Hemmeon, J. P. Day
Assistant Professor:—John Culliton
Lecturer:—Eugene Forsey
Sessional Lecturer:—L. C. Marsh

1. Elements of Political Economy. Second Year.
Mon., Wed., Fri., at 11.
Honour Section .....Professor Hemmeon.
General Section.....Professor Culliton and Mr. Forsey.

2. Elements of Political Science. Second Year.
Mon., Wed., Fri., at 12.....Mr. Forsey.

3. History of Political Theory. Third Year.
Mon. Wed., Fri., at 2.....Mr. Forsey.

4. Labour Problems. Third Year.
First term; Tu., Th., Sat., at 12.....Professor Hemmeon.

5. Money and Banking. Third Year.
Second term; Mon., Wed., Fri., at 10.....Professor Day.

6. Canada: Geographic, Industrial and Economic Problems. Third Year.
First term; Tu., Th., Sat., at 11.....Professor Culliton.

7. **The Government of Canada.** Third Year.
Second term; Mon., Wed., Fri., at 3.....Mr. Forsey.

8. **Canadian Social and Economic Statistics and Statistical Method.**
First term; Mon., Wed., Fri., at 2.....Mr. Marsh.

9. **History of Economic Theory.** Fourth Year.
Tu., Th., Sat., at 10.....Professor Hemmeon.

10. **International Trade and Trade Policy.** Fourth Year.
First term; Mon., Wed., Fri., at 10.....Professor Day.

11. **Public Finance.** Fourth Year.
Second term; Tu., Th., Sat., at 12.....Professor Hemmeon.

12. **Industrial Fluctuations and Unemployment.** Fourth Year.
Second term; Mon., Wed., Fri., at 12.....Mr. Marsh.

13. **Transportation.** Fourth Year.
Second term; Tu., Th., Sat., at 11.....Professor Culliton.

For the courses in Economics and Political Science given in the School of Commerce, see page 242.

Honour Courses

Students taking the full Honours in Economics and Political Science take, in their Second Year, courses 1 and 2, together with three other courses approved by the Department; in their Third Year the courses indicated above, together with one approved course from another department, and in their Fourth Year the courses indicated above, together with a course approved by the Department. Course 8, when taken by honour students in the third or fourth year, is not part of the regular honour work but may be substituted for part of the work taken in another department.

Students taking half their Honours in another department (see page 166) may be granted honours in Economics (without Political Science) by taking courses 1, 2, 4, 5, 6, 9 and 10 or 11 or 12 or 13, or they may be granted honours in Political Science (without Economics) by taking courses 1, 2, 3, 4, 7, 11, 12 or 13.

Students in the Department of Economics and Political Science are expected to spend a considerable proportion of their time in the preparation of class reports, essays, etc., in addition to the lectures and ordinary reading.

Graduate Courses

See page 435.

DEPARTMENT OF EDUCATION

PROFESSORS:—{JOHN HUGHES, SINCLAIR LAIRD

ASSISTANT PROFESSOR:—H. D. SOUTHAM

SESSIONAL LECTURER:—A. ROBERT GEORGE

1. **General Principles of Education.** Third Year.
Tu., Th., Fri., at 4.

2. **Method and School Organization.** Fourth Year.
Mon., Wed., 4-5.30.

Methods of Teaching Special Subjects (hours to be arranged).

Candidates for the High School Diploma are advised to select at least two of the following options: English, History, Classics, Language Teaching and Learning, Mathematics, Science, Geography in addition to the compulsory special courses in methods of teaching French, Music and Drawing.

Seminars for Graduate Students.

Weekly seminars are held (hours to be arranged) for graduate students.

THE TRAINING OF TEACHERS

THE HIGH SCHOOL DIPLOMA

This diploma is valid only in the Protestant Schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this diploma.

Each candidate must (a) make application upon the authorized forms, (b) be a British subject or satisfy the Central Board that he has begun the necessary proceedings to become such, (c) submit a physician's certificate to show that he is in good health and free from physical and mental defects that would seriously interfere with his usefulness as a teacher, (d) be a graduate of an approved University, with degree courses, or their equivalents approved by the Central Board of Examiners, as follows:—

(*a*) *Academic.* Courses for two years in the following subjects:—

First Year—**English, French** and any three of the following: **History, Mathematics, Science and Latin.**

Second Year—**English, French** and any three of the following: **History, Mathematics, Latin, Science, a second Science.**

It is provided, however, (i) that a candidate may omit in a succeeding year any three of these subjects, except English, in which he has taken at least 60% in a previous year, (ii) that a candidate who is beginning an Honours course in the second year is exempt from the foregoing second year requirements.

The Regulations governing the award of the High School Diploma require that candidates shall secure the approval of the Department of Protestant Education for the first two years of the B.A. Course before entering upon Course 1 in Education in the Third Year. Applications for recognition as candidates for the High School Diploma must be made to the Department NOT LATER THAN THE JULY 20TH PRECEDING ENTRANCE UPON COURSE I.

Failure to secure such approval may involve refusal by the Department to recognize for the purposes of the Diploma the work done in both Courses 1 and 2.

N.B.—Candidates may be permitted to qualify for the High School Diploma under the Regulations that were in force when they entered, with the benefit of any amendments made subsequently.

(*b*) *Professional.*

Full Year of Graduate Training. The University has instituted a course providing a full year of graduate training for intending High School Teachers. This course covers all the present requirements for the High School Diploma together with further work of a professional kind. Candidates for this course are advised to consult the Professor of Education for further particulars; and are requested to do this, wherever practicable, before April 15th, to make provisional arrangements.

For details of the M.A. in Education, see page 436.

For candidates who desire to qualify under the old arrangement and so long as the old arrangement is recognized by the Department of Education and the University, the following will be accepted as meeting the professional requirements:—

(1) The successful completion of courses 1 and 2 in the Department of Education.

(2) Successful completion of special courses in methods of teaching French, Music and Drawing. These courses are held in the Montreal High School on Tuesday afternoons throughout the session.

(3) Successful completion of at least fifty half-days of practice teaching and criticism lessons under expert supervision (unless the candidate holds an intermediate diploma or shows an equivalent in successful teaching experience which would be accepted by the Central Board of Examiners).

The course in Practice Teaching is at present divided into three parts. The first part is taken in September preceding the Fourth Year and is carried on in the Montreal primary schools. Education Course 1 is a prerequisite. The second part of the course is taken on Monday afternoons from October 15th to March 31st and is

carried on in the Montreal high schools. The third part of the course is taken in May and June after the Fourth Year examinations and is carried on in the Montreal primary schools. At present candidates are enabled to take advantage of at least seventy-five half-days of Practice Teaching.

ELEMENTARY, INTERMEDIATE, AND KINDERGARTEN DIPLOMAS

The training for these diplomas is given at Macdonald College. (See Macdonald College Announcement).

COURSES FOR TEACHERS OF SPECIAL SUBJECTS

French. A summer school for teachers of French leading to a Specialist Diploma recognized by the Provincial Department of Education.

Kindergarten Assistants. A two-session course held in Montreal and leading to a Kindergarten Assistant's Diploma, according to the regulations of the Protestant Committee of the Department of Education. This diploma is accepted for entrance to the Kindergarten class at Macdonald College.

Physical Education. (This course is given under the Department of Physical Education. (See page 475).

DEPARTMENT OF ENGLISH

PROFESSOR:—CYRUS MACMILLAN

ASSOCIATE PROFESSOR:—HAROLD G. FILES

ASSISTANT PROFESSORS:—A. S. NOAD, T. F. M. NEWTON

LECTURERS:—MARY MACKENZIE

LECTURER AND DIRECTOR IN PLAY PRODUCTION:—FREDA MACGACHEN

ASSISTANT:—RUTH DINGLE

ASSISTANTS:—A. R. McBAIN, ESTHER ENGLAND, ELEANOR HENRY, JOHN DANDO, ...

1. **English Composition.**
   Sat., at 12. Professor Noad, Miss Mackenzie, Miss England and Assistants. Section and weekly conference hours to be arranged.

2. **English Literature.**
   General Course.
   Tu., Th., and, at the pleasure of the instructor, Sat. at 12.
   Professor Macmillan and Assistants.
   Weekly conference hours to be arranged.

Advanced Courses.

In English 1 and English 2, advanced students will be assigned to special sections in which advanced work will be prescribed.

1A. English Composition.

One hour a week in the first term of the Second Year.
All students who fail in English 1 are required to take this course.
Professor Noad and Assistants.

3. English Composition.

Half course. An advanced course open to a limited number of undergraduate students who have completed English 1. Application for permission to take this course should be made at the beginning of the session.
Hours to be arranged.....Professor Files.

4. English Literature in the Nineteenth Century.

Tu., Th., Sat., at 11.....Professor Newton and an Assistant.

6. Shakspere (Six Plays).

Mon., Wed., Fri., at 10.....Professor Macmillan.
May be taken in two successive years.

7. English Literature in the Eighteenth Century.

Mon., Wed., Fri., at 12.....Professor Files.
(Given in 1938-39. Not given in 1939-1940).

8. The Literature and Culture of the Renaissance.

Tu., Th., Sat., at 10.....Professor Noad.
(Given in 1938-39. Not given in 1939-1940).

9(a). English Poetry from 1798 to 1850. First term.

9(b). English Poetry from 1850 to the present time. Second term.

Mon., Wed., Fri., at 11.....Professors Macmillan and Noad and Assistants.
(Given in 1938-39. Not given in 1939-1940).

10. The English Novel, from Richardson to the present time, with some reference to foreign work and to related literary types.

Tu., Th., Sat., at 11.....Professor Files.
(Not given in 1938-1939. Given in 1939-1940).

11(a). English Literature, from 1450 to the death of Sidney. First term.

11(b). English Literature (exclusive of Shakspere) from 1586 to 1611. Second term.

Mon., Wed., Fri., at 12.....Professors Noad, Macmillan and Newton.
(Not given in 1938-1939. Given in 1939-1940).

12. **Old English; English Language and Literature up to the Norman Conquest.**
Mon., Wed., Fri., at 2.....Professor Newton.

13. **Technique of the Drama.**
Tu., Th., at 10 a.m.; one laboratory period a week on Mon., Tues., Wed., Thurs., or Fri., 3.30 to 5.30 p.m. as convenient to students. Miss MacGachen, Professors Macmillan and Files, Miss Dingle and Assistants.
Courses 3, 6, 7, 11 and 19 are recommended to students taking this course.

14. **Chaucer.**
First term; Tu., Th., Sat., at 12.....Professor Newton.
(Given in 1938-39. Not given in 1939-1940).

15. **American and Canadian Literature.**
Second term; Mon., Wed., Fri., at 11.....Professors Files and Macmillan.
(Not given in 1938-1939. Given in 1939-1940).

16. **Comparative Literature.**
The influence of English Literature upon the continent of Europe in the 18th and 19th centuries.
Tu., Th., Sat., at 9.....Professor Noad.
(Given in 1938-39. Not given in 1939-1940).

17. **Comparative Literature.**
The literary influence of the Continent upon England since 1600.
Tu., Th., Sat., at 9.....Professor Noad.
(Not given in 1938-1939. Given in 1939-1940).

18. **The English Bible.**
First term; Tu., Th., Sat., at 9.
Professor.....and Assistants.
(Not given in 1938-39).

19(a). **English Literature from 1611 to 1660.**

19(b). **English Literature from 1660 to 1700.**
Mon., Wed., Fri., at 12.....Professor Newton.
(Not given in 1938-1939. Given in 1939-1940).

20. **Early English: English Literature from 1200 to 1450.**
Tu., Th., Sat., at 12.....Professor Newton.
(Not given in 1938-1939. Given in 1939-1940).
Open only to students who have taken Course 12, or its equivalent.

21. **Political Satire Since the Renaissance.**
First term; Mon., Wed., Fri., at 11.....Professor Macmillan.
(Not given in 1938-1939. Given in 1939-1940).

38-39

22. An Advanced Course in the Technique of the Drama. Prerequisite: English 13 or its equivalent.

The attendance in this course is limited to twenty. Application for admission must be made at the beginning of the session. Mon., Wed., Fri., at 12. Two laboratory periods a week, Mon., Tues., Wed., Th., Fri., 3.30 to 5.30 p.m.

Miss MacGachen and other members of the Department.

23. Studies in Literature Since 1900. Contemporary authors English and American. Open only to those who have taken English 10 or have received the permission of the Instructor. The registration is limited.

Tu., Th., Sat., at 11.....Professor Files.
(Given in 1938-39. Not given in 1939-1940).

NOTE

Courses 4, 6, 7, 8, 13, 15, 19, and 21 are open to students in the Second Year. Registration in 6, 13, and 21 is limited.

Courses 3, 8, 9 to 14 inclusive, and 16 to 23 inclusive are open to students in the Third and Fourth Years.

Honour Courses

Second Year:—Two courses selected from 4, 6, 7, 8, 11, 13, 15, 18, 19, 21.

Third Year:—Four courses.

Fourth Year:—Four courses not taken in the Third Year. A course in a cognate subject may be taken, with the permission of the Department.

Compulsory courses for Honours are 12, and two full courses from the following—6, 11a, 11b, 14, 19a.

English Requirements for the Honour Courses in English and Latin, English and French, and English and German.

Second Year:—Consult the Head of the Department.

Third Year:—Two courses, chosen with the approval of the Department.

Fourth Year:—Two courses, chosen with the approval of the Department.

Course 12 and one course selected from 6, 11a, 14, and 19a are compulsory.

English Requirements for Honours in English and Other Subjects

Second Year:—Consult the Head of the Department.

Third Year:—Two courses chosen with the approval of the Department.

Fourth Year:—Two courses chosen with the approval of the Department.

One full course selected from 6, 11a, 12, and 14 is compulsory in either the Third or the Fourth Year.

Final General Examination:—Every candidate for Honours in English or English and another subject, must pass, near the close of his last year, a special general examination, either oral or written, conducted by a committee of the Department.

Graduate Courses

See page 437.

DEPARTMENT OF FRENCH LANGUAGE AND LITERATURE

Professor:—R. du Roure.

Assistant Professors:—Mme. Touren Furness.
L. d'Hauteserve.
Mlle. C. Henry.

Sessional Lecturer:—W. A. G. McAndrew

FRENCH

Every lecture, even in the First Year, is given in French.

Both oral and written examinations are held on each year's work.

The oral examination (in both General and Honour courses) counts for 50 per cent.

A special section in the First Year is provided if necessary for the students who undertake the courses in French with very little knowledge of the spoken language, but it is not possible to acquire fluency without extra work. Students who are deficient in this respect, and especially those taking French as a continuation subject, are therefore strongly advised to follow the French Summer School course either before or after their First Year.

General Courses

General Students of high standing may take Honour courses only with the express consent of the Head of the Department and the Dean.

1. **French Language and Literature. First Year.**

Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11.....Professors Furness, d'Hauteserve, Henry and Dr. McAndrew.

Texts:—(*a*) General Course.—Green and Fort, French Composition (Oxford); or Coindreau and Lowe, French Composition Book (Holt); Lavisse, Histoire de France, Cours moyen; Maupassant, Contes Choisis; A. Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford). (*b*) Advanced Course.— Louis Hémon, Maria Chapdelaine; Racine, Andromaque (Ginn); Jules Romain, Knock ou le Triomphe de la médecine (The Century Co.); Molière, Les Précieuses Ridicules (Heath); Lavisse, Histoire de France, Cours moyen *or* Malet et Isaac, Cours Abrégé d'Histoire (Hachette).

2. **French Language and Literature.** Second Year.

Section A, Tu., Th., Sat., at 9; Section B, Tu., Th., Sat., at 11. Professors Furness, d'Hauteserve, Henry and Dr. McAndrew.

Texts:—Des Granges, Les grands écrivains français (Hatier); Molière, Le Bourgeois Gentilhomme (Holt); Augier, Le Gendre de M. Poirier (Dent); Mérimée, Colomba (Heath); Ritchie and Moore—Junior Manual (Cambridge).

4A. French Literature of the XVIIth Century. Third Year.

Mon., Wed., Fri., at 10.....Mlle. Henry.

Texts:—Chevaillier et Audiat; Le XVIIe Siècle (Hachette), Lyons et Searles; Eight French Classic Plays (Holt); Gibb and Roulier; Versions Anglaises (Didier).

4B. French Literature of the XVIIIth Century.

Mon., Wed., Fri., at 10..... and Dr. McAndrew.

Texts:—Marivaux; Le Jeu de l'Amour et du Hasard (MacMillan), Beaumarchais; Le Barbier de Séville (Holt), Le Mariage de Figaro (Hatier), Voltaire; Candide (Holt), T. T. Rousseau; Confessions et Réverier d'un promeneur solitaire (Holt).

5. **Modern France—Political and Social Institutions. Development of Political, Social, Religious and Philosophical Thought.** Third and Fourth Years.

Mon., Wed., Fri., at 12.....Professor du Roure.

Text:—Lanson et Desseignet, La France et sa Civilisation (Holt).

N.B.—Either the first or the second part of the course can be taken as a half course.

6. **French Literature of the XIXth and XXth Centuries.** Fourth Year.
Mon., Wed., Fri., at 10.....Professors du Roure and Furness, and Dr. McAndrew.

Texts:—Hugo, Hernani; Balzac, Le Père Goriot; G. N. Henning, Representative French Lyrics of the Nineteenth Century (Ginn), Des Granges, Précis de Littérature Française (Hatier); Des Granges, Morceaux choisis, Classe de Lettres (Hatier); Paul Bourget, Un Disciple; E. Rostand, Cyrano de Bergerac.

Readings: Chateaubriand, René: Flaubert, Trois Contes: Guy de Maupassant, Contes choisis; A. Daudet, Le Petit Chose; Anatole France, Le Livre de mon Ami.

Prose Composition:—Ritchie and Moore; Supplement to a Manual of French Composition (Cambridge).

Courses Specially for Honours Students

General Students of high standing may take Honours courses only with the express consent of the Head of the Department and the Dean.

3. **The Short Story in French Literature.** Second Year. (Honour Course.) Tu., Th., at 10.....Professor Furness
La Bruyère et La Rochefoucauld.
Sat. at 10.....Professor du Roure

Texts:—Tarsot, Fableaux et Contes du Moyen Age (Heath); Perrault, Contes de ma Mère l'Oie (Hilsum, Paris); Voltaire, Zadig and Other Stories (Heath); Buffum, French Short Stories (Holt); La Bruyère (Hatier); La Rochefoucauld (Hatier, Paris).

Besides the texts given above, a certain number of home readings will be assigned for this Course.

7. **History of the French Language.** Third and Fourth Years. (Honour Course.)
Sat., at 10.....Professor d'Hauteserve.
(Given in 1939-40).

Reference Books:—Darmesteter, Cours de Grammaire Historique, Parts I and II; F. Brunot, Histoire de la Langue Française.

8. **History of the French Novel.**
Third and Fourth Years (Honour Course).
Tu., Th., Sat., at 12.....Professor du Roure.
(Given in 1938-39).

9. History of the French Theatre of the XIXth Century.
Third and Fourth Years (Honour Course).
Tu., Th., at 10.....
(Given in 1939-40).

10. History of the French Lyrics.
Third and Fourth Years (Honour Course).
Tu., Th., at 12 .....Professor du Roure.
(Given in 1939-40).

Text:—G. N. Henning, Representative French Lyrics of the Nineteenth Century (Ginn).

11. Survey of Contemporary French Literature.
Third and Fourth Years (Honour Course).
Tu., Th., Sat., at 10.....
(Given in 1938-39).

15. French Science Reading Course. First Year, B.Sc. Course.
Tu., Th., Sat., at 9.....Professor d'Hauteserve.

Texts:—Greenfield and Babson, Industrial and Scientific French (Ginn); Maeterlinck, La Vie des Abeilles; Gleed, A Financial and Industrial French Reader (Longmans, Green and Co.).

16. French Science Reading Course. For Second Year B.Sc. Students.
One weekly lecture, Wednesday at 12.

Texts:—(Nelson); Maeterlinck, La Vie des Termites (Fasquelle); A. Carrel; L'homme, cet inconnu.

Readings:—Tableau du XXème Siècle (1900-33): Les Sciences (Denoël et Steele); Pasteur (Hachette).

Honour Courses in French

Prerequisite:—1.

Second Year:—2 and 3. Honours in French begin in Second Year. Only in very exceptional cases, students having not taken French 2 and 3 could be admitted in the Honour Courses in third year with the express consent of the Head of the Department and the Dean.

Third Year:—4 or 5, and *either* 7, 9 and 10 *or* 8 and 11, and a full course in another subject approved by the Head of the Department.

Fourth Year:—5 or 6, and *either* 8 and 11 *or* 7, 9 and 10, and a full course in another subject approved by the Head of the Department.

French Requirements for the Honour Course in French and Other Subjects:

Second Year:—2 and 3.
Third Year:—4 or 5; and one of 8, 11, 7 and 9, 10.
Fourth Year:—5 or 6, and one of 7 and 9, 10, 8, 11.

M.A. Courses

See page 442.

DEPARTMENT OF GENETICS

PROFESSOR:—C. LEONARD HUSKINS.
LECTURER:—SHELDON C. REED
DEMONSTRATOR:—H. G. F. SANDER
RESEARCH FELLOWS:—ALMA HOWARD, S. G. SMITH

Natural Science 1

(Six lectures in the conjoint Botany, Zoology, and Geology Course.)
Professor Huskins.

1. Genetics and Evolution.*

Principles of Genetics; Human Heredity; Evolution.
Mon., Wed., Fri., at 9; 1 laboratory hour to be arranged.
(Prerequisite:—Elementary Botany *or* Zoology.)
Professor Huskins.

1A. Genetics in Relation to Social Problems.*

1st Term; Mon., Wed., Fri., at 12.
(Prerequisite:—Natural Science 1). Professor Huskins.

2. Cytology.

2nd Term, Mon. and Fri. at 12; laboratory Th., Fri., 3-5.
(Prerequisites:—Genetics 1, General Botany *or* Zoology).
Professor Huskins and Dr. Spier (Dep't of Botany.)

3. Advanced Cytogenetics.

Wed. 2-5.
(Prerequisites:—Genetics 1, General Botany *and/or* Zoology).
Professor Huskins, Dr. Reed and members of Macdonald College Staff.

4. Biometry.

Applications of statistics to problems in Biology.
1st term: 3 hours per week; to be arranged. Dr. Reed.

GRADUATE COURSES

See page 444.

TEXT BOOKS

Sinnott & Dunn—Principles of Genetics (McGraw Hill); Wilson—The Cell (Macmillan) · Gray—Experimental Cytology (C.U.P.); Sharp—Introduction to Cytology (McGraw Hill); Baur, Fischer & Lenz—Human Heredity (Allen & Unwin); Darlington—Recent Advances in Cytology (Blakiston, Churchill); Sansome & Philp—Recent Advances in Plant Genetics (Blakiston, Churchill); Hogben—Genetic Principles in Medicine and Social Science (Williams & Norgate); Snyder—Principles of Heredity (Heath); Shull—Evolution (McGraw-Hill); Dobzhansky—Genetics and the Origin of Species (Columbia U.P.).

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*The Genetics 1 Course is planned for students specializing in Biology or proceeding to Medicine. Genetics 1A is designed especially for students who are interested principally in the social significance of Genetics, and who lack the detailed knowledge of Biology which is necessary for a more intensive study of Genetics and of its relation to other biological sciences.

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSORS:—JOHN J. O'NEILL. R. P. D. GRAHAM. T. H. CLARK.

ASSISTANT PROFESSORS:—J. E. GILL. F. F. OSBORNE.

LEROY FELLOW IN GEOLOGY:—JAMES D. HALL

DEMONSTRATOR:—.....

Natural Science 1 (Botany, Geology, Zoology). A conjoint course outlining briefly the nature and evolution of the earth and its inhabitants.
Mon., Wed., and Fri., at 12 .....Professor Clark.

1. General Geology (Eng. 141).
(*a*) *Mineralogy and Petrology.*
(*b*) *Dynamical and Structural Geology.*
(*c*) *Historical Geology.*

In addition to the lectures there are excursions on Saturday mornings for five or six weeks after the term opens; students attending these are excused from any classes which conflict with the excursions. Two hours laboratory; sections arranged to suit students.

Mon. and Fri., at 9.....Professor Clark.

Text-books:—Longwell, Knopf and Flint, "Physical Geology" (Wiley); Schuchert and Dunbar, Historical Geology (Wiley).

2. Physiography and Natural Resources of Canada.
Tu., at 12, and one laboratory period Th., 2 to 5.....Professor Gill.

3. Stratigraphy.
First term; Mon., Fri., at 11; one hour laboratory, and two full days field work during October. One half course.
Prerequisite:—1 ..... Professor Clark.

4. Geology of Canada (Eng. 149).
First term: Wed., at 11.
Prerequisite:—1 .....Professor O'Neill.

5. Mineralogy (Eng. 142).
Tu. and Th., at 9.....Professor Graham.

6. Determinative Mineralogy (Eng. 143).
Two laboratory periods during the second term; Wed., Fri., 2 to 5.
Professor Graham.

7. Practical and Field Geology (Eng. 147).
Lectures, laboratory, and field mapping.
First term; Th., at 11, and Sat. mornings, 9-12. Professor Gill.

8. **Ore Deposits** (Eng. 148).

Second term: Tu., 10 to 12, Wed. and Th., at 11.
Prerequisite:—7 ..... Professor O'Neill.

9. **Optical Mineralogy and Crystallography** (Eng. 151).

One lecture Mon. at 10, and three hours laboratory period; first term.
Professor Graham.

10. **Petrography** (Eng. 146).

First term: Tu., at 10; laboratory, first term, Fri., 10-1; second term, Sat., 9-12..... Professors Graham and Osborne.

12. **Palæontology.**

Second term: Mon., Wed., at 11; laboratory, Wed., 2-5, and one full day's field work in April.
Prerequisite:—1 or Zoology 1..... Professor Clark.

13. **Geological Colloquium.**

This course must be taken by all 4th year students in Geology.

Note.—Subjects normally grouped to make full courses; 2 and 4; 3 and 12; 5 and 6; 7 and 8; 9 and 10.

Honour Courses

Second Year:—Geology 1, 5, 6; Botany 1 or Zoology 1; Chemistry 3a; German 4 (if French has already been taken).

Third Year:—Geology 3, 4, 9, 12; Chemistry 3b; Botany 2; and one or more selected courses as advised by the Department.

Fourth Year:—Geology 2, 7, 8, 10, 13; Chemistry 4; Physics 12; and one or more selected courses as advised by the Department.

Note.—The selected courses in the Third and Fourth Years permit the student to concentrate on some branch of Geology in which his particular interest lies.

Graduate Courses

See page 445.

DEPARTMENT OF GERMAN

ASSOCIATE PROFESSOR:—W. L. GRAFF.

LECTURER:—MISS B. MEYER

SESSIONAL LECTURER:—J. R. BECK

1. German Language. (Beginners' B.A. Course).

Tu., Th., Sat., at 9.....Professor Graff, Mr. Beck and Miss Meyer.

Texts:—Vos, Essentials of German (6th edit. Holt & Co.); P. Hagboldt, Allerlei (Heath & Co.); Koischwitz, Deutsche Fibel (Crofts, New York).

Students intending to proceed to Courses 5 or 6 from the above must have obtained a First Class.

Those intending to proceed to Course 7 must have obtained a First Class and are required to study during the summer the following texts:—Hauff, Der Zwerg Nase (Heath); Moser, Der Bibliothekar (Heath); Schrakamp, Ernstes und Heiteres (A.B. Co.).

2. German Language.

Tu., Th., Sat., at 10.....Professor Graff.

Texts:—Chiles, German Composition and Conversation (Ginn); Herzog: Freudvoll und Leidvoll (Holt); Diamond & Schomaker, Lust und Leid (Holt); Fleissner and Mentz-Fleissner, Kleine Anthologie deutscher Lyrik (Croft's & Co.); Schiller, Das Lied von der Glocke (Heath & Co.).

Private Reading:—P. Hagboldt, Eulenspiegel und Münchhausen.

3. German Language. (Beginners' B.Sc. Course).

Tu., Th., Sat., at 10 or 11.....Mr. Beck and Miss Meyer.

Texts:—Hagboldt and Kaufmann, A Brief Course in German (Heath & Co.); Guerber, Märchen und Erzählungen, I (Heath & Co.); Fiedler and Sandbach, A First German Course for Science Students (Oxf. Univ. Press).

4. German Science Reading Course. Second Year.

Mon., at 5 P.M. .....Mr. Beck.

For students who have matriculated in this language or have taken it in the First Year.

Texts:—Curts, Readings in Scientific and Technical German (Holt & Co.).

5. German Language. Second Year.

Mon., Wed., Fri., at 11.....Miss Meyer.

Texts:—Vos, Essentials of German (Holt & Co.); Osthaus & Biermann: German Prose Composition, (American Book Co.); Storm, Immensee (Ginn); Porterfield, Modern German Stories (Heath); Schiller, Wilhelm Tell (Holt).

Private Readings:—

Riehl, Der Fluch der Schönheit (Heath); Schnitzler, Der Clinde Geronimo und sein Bruder (Heath & Co.).

6. German Language. Second Year.

Mon., Wed., Fri., at 12.....Miss Meyer.

Texts:—Vos, Essentials of German (Holt & Co.); E. C. Wesselhoeft, German Composition (Heath); Röseler, Moderne deutsche Erzähler (Norton & Co.); Freytag, Die Journalisten, (Heath); Schiller, Maria Stuart.

Private Readings:—Heyse, L'Arrabbiata (Heath); Schiller, Der Neffe als Ankel (Heath & Co.).

Students of the Second Year intending to continue German in the Third Year must attend a class in Oral German (one hour a week) until in the Professor's opinion, they have reached a satisfactory standard.

7. German Language. Second Year. Honour Course.

Mon., Wed., Fri., at 12.....Professor Graff.

Texts:—Whitney and Stroebe, Advanced German Composition (Holt & Co.); Goethe, Egmont (Holt); Schiller, Die Jungfrau von Orleans (Heath & Co.); Grillparzer, Der arme Spielmann (Heath & Co.); Nichols, Modern German Prose (Holt).

Private Readings:—

Th. Mann, Tonio Kröger (Crofts & Co.); G. Keller, Die drei gerechten Kammacher (Heath & Co.).

No student who in his First Year took German 1 can take course 7 unless he has completed the summer work as given under course 1.

Students may begin Honours in German in their Third Year, provided they have obtained a First Class in either 5 or 6.

Honour students in German are strongly recommended to take, in their Second or Third Year, as one of their general courses, course 1 of the Department of Philosophy (Logic and Introduction to Philosophy).

N.B.—In order to be admitted to the following courses of the Third and Fourth Years a student must know German well enough to understand lectures delivered in German and express himself in German with some degree of fluency and correctness.

8. German Literature (Eighteenth Century).

Mon., Wed., Fri., at 9.....Mr. Beck.

Texts:—Lessing, Emilia Galotti (Ginn); Goethe, Iphigenie; Schiller, Wallenstein; Hans Roehl, Geschichte der deutschen Dichtung (Teubner, Berlin); Ehrke's Guide to Advanced German Prose Composition (Oxford).

Private Readings:—Lessing, Minna von Barnhelm; Goethe, Urfaust; Schiller, Kabale und Liebe.

9. German Literature (Nineteenth Century).

Mon., Wed., Fri., at 9 .....Professor Graff.

The important literary movements and writers of the 19th century will be studied and discussed. Collateral readings.

HONOUR COURSES

10. Mediæval German Literature and Philology.

Hours to be arranged. (Given in 1938-39) .....Mr. Beck.

Texts:—Bachmann, Mittelhochdeutsches Lesebuch (Fæsi and Beer. Zürich); Behaghel, Die Deutsche Sprache (Freytag, Leipzig).

11. Entwicklung der deutschen Lyrik von Goethe bis in die Neuzeit.

One hour. (Given in 1938-39) .....Professor Graff.

Text: F. Bruns, Die Lese der deutscher Lyrik (F. S. Crofts & Co.).

12. Geschichte des deutschen Trauerspiels.

Two hours. (Given in 1939-40).....Professor Graff.

13. Composition.

One hour .....Professor Graff.

Eggeling, Advanced Prose Composition (Oxford Univ. Press.).

GRADUATE COURSES

See page 447.

DEPARTMENT OF HISTORY

PROFESSOR:—C. E. FRYER.
ASSOCIATE PROFESSOR:—E. R. ADAIR
LECTURER:—C. C. BAYLEY
SESSIONAL LECTURER:—J. I. COOPER

COURSES FOR GENERAL STUDENTS

1A. **European Civilization since the Roman Empire and its expansion overseas.** First Year.
Tu., Th., Sat., at 11.....Dr. Bayley and Mr. Cooper.
or
1B. **Ancient History.** First Year.
Tu., Th., Sat., at 11*.....Professor Carruthers and Mr. Counsell.
Students in History desiring to take course 1B should read the notes below on Continuation and Honour Courses in History.

2. **General History of North and South America.** Second Year.
Mon., Wed., Fri., at 9.....Professor Adair.

3. **History of the British Empire.** Second Year.
Tu., Th., Sat., at 10.....Mr. Cooper.
With the consent of the Department, this course may be taken by Third Year students.

4. **History of Canada.** Third Year.
Tu., Th., Sat., at 9.....Mr. Cooper.
With the consent of the Department, this course may be taken by Fourth Year students.

5. **English Political and Industrial Life in the Nineteenth Century.** Fourth Year.
Mon., Wed., Fri., at 11.....Professor Fryer.
With the consent of the Department, this course may be taken by Third Year students.

6. **History of Europe, 1789-1914.** Fourth Year.
Mon., Wed., Fri., at 12.....Professor Fryer.

COURSES SPECIALLY FOR HONOUR STUDENTS

Prerequisite:—History 1.

7. **Mediæval Life and Institutions.** Second Year.
Tu., Th., Sat., at 10.....Dr. Bayley.

8. **History of Modern Europe to 1789.** Third Year.
Mon., Wed., Fri., at 12.....Professor Adair.

9. **English Constitutional History.** Fourth Year.
Tu., Th., Sat. at 9.....Dr. Bayley.

10. **History of Economic and Social Conditions, with special reference to England.** Fourth Year.
Mon., Wed., Fri., at 10 *or* 11, as arranged.....Professor Adair.

*See also under Department of Classics.

Special Subjects:—

England in the Age of Wyclif.
The Reign of Charles I.
William Pitt and the Conquest of Canada.
England, 1832-1846: a study in Political Reconstruction.
The Genesis of the British Parliamentary Labour Party.
Social and Industrial England since the World War.
A Selected Topic in Canadian History 1867-1896.
A Period or Aspect of Ancient History.*

NOTE.—A choice of one of these special subjects for continuous study by Honour students during their Third and Fourth Years is made in consultation with the Department. Students will be expected to acquire a general knowledge of the subject selected and to make a more intensive study of one of its aspects.

General students taking History as a continuation subject may, if they so desire, take course 1B (Ancient History) in their first year. If they do so, they must take History 1A in their second year, and either History 2 or History 3 in their Third Year.

Unless the special consent of the department is obtained, History 1A must be taken as a prerequisite to History 2 or History 3 for all students taking History as a continuation or Honour subject.

Students taking Honours in History will take the following courses in 1938-39:—

First Year: History 1A, and four courses in other subjects.
Second Year: History 2 and 7.
Three approved courses in other subjects, at least one of which must be a foreign language.
Third Year: History 4 and 8.
An approved course in Philosophy, Economics, Latin, French, *or* German. One of the special subjects in History.
Fourth Year: History 6, 9, and 10.
Continuation of special subjects begun in 1937-38.

Students taking Honours in History and another subject will take the following courses in History in 1938-39.

Second Year: History 2 and 7.
Third Year: History 4 and 8.
Fourth Year: History 9, and either 6 or 10.

NOTE.—In addition to the examination on the subjects taken up in the last year, Fourth Year Honour students have a general examination paper on the history studied by them in their four years.

GRADUATE COURSES

See page 447.

*For courses in Ancient History, see under the Department of Classics.

DEPARTMENT OF MATHEMATICS

PROFESSORS:—C. T. SULLIVAN, N. B. MACLEAN, A. H. S. GILLSON, W. L. G. WILLIAMS

ASSOCIATE PROFESSOR:—H. TATE

ASSISTANT PROFESSOR:—G. PALL

LECTURER:—W. B. ROSS

1. Mathematics. (For First Year students).

Geometry and Trigonometry. Mon., Wed., Fri., at 9 or 11, first term.

Algebra. Mon., Wed., Fri., at 9 or 11, second term.

Five ordinary sections: Professors MacLean, Gillson, Tate, Pall, Dr. Ross. One advanced section, Mon., Wed., Fri., at 9. Professor Gillson.

Text-books:—Hall and Knight, Elementary Trigonometry, revised Canadian edition; Carslaw, Plane Trigonometry; Hall and Stevens, School Geometry, Parts I-VI; W. G. Borchardt, A Second Course in Algebra (Rivingtons).

First or Second class standing in course 1 is necessary for course 3 or 4.

A knowledge of courses 3 and 4 is a prerequisite for courses 6 and 7.

Ordinary students taking Mathematics as a continuation subject are advised to take the following courses: Mathematics 2 in the second year, Mathematics 43 of the School of Commerce (Elements of Coordinate Geometry and Calculus) in the third year, and Mathematics 3 or 4 or 8 in the fourth year.

1B. Practical Mathematics.

Two lectures and one tutorial weekly during first term (time to be arranged) .....Dr. Ross.

2. Elementary Analysis. (For Second Year students).

Mon., Wed., Fri., at 10.....Dr. Ross.

3. Calculus. (For Second Year and other qualified students).

Mon., Wed., Fri., at 10.....Professor Sullivan.

Text-book:—Lamb, Infinitesimal Calculus.

4. Algebra and Analytical Geometry. (For Second Year and other qualified students).

Tu., Th., Sat., at 12.....Dr. Ross.

Text-book:—C. Smith, Conic Sections.

5. **Spherical Trigonometry and Astronomy.** (For Second Year and other qualified students.)

Spherical Trigonometry: One hour, first term.....Professor Sullivan.

Astronomy: Two hours, second term.....Professor Gillson.

Text-books:—Murray, Spherical Trigonometry; Barlow and Bryan, Astronomy (London University Tutorial Press); Moulton's Astronomy.

This course can be combined with Physics 4 to form a three-hour course for the year.

6. **Analytical Geometry of Three Dimensions; Curve Tracing.** (For Third Year and other qualified students).

Three hours .....Professor Sullivan.

Text-books:—C. Smith's Solid Geometry; R. T. J. Bell, Geometry of Three Dimensions.

7. **Infinitesimal Calculus and Differential Equations.** (For Third Year and other qualified students).

Three hours .....Professor Gillson.

Text-books:—Lamb, Infinitesimal Calculus; Osgood, Advanced Calculus; Forsyth, Differential Equations (Macmillan); Piaggio, Differential Equations (Bell).

8. **Finite Differences and Theory of Equations.**

(For Third Year and other qualified students).

Three hours, (Tu., Th., Sat., at 11).....Professor Tate.

Course 8 is a prerequisite to course 9.

Text-books:—Burnside and Panton, Theory of Equations; Freeman, Actuarial Mathematics.

9. **Modern Higher Algebra.** (For Fourth Year and other qualified students).

Three hours.....Professor Pall.

Text-book:—Bôcher, Introduction to Modern Higher Algebra.

10. **Introduction to the Theory of Functions of a Real Variable.** (For Fourth Year and other qualified students).

Three hours .....Professor Williams.

Text-books:—Hardy, Course in Pure Mathematics (Camb. Univ. Press); Carslaw, Fourier's Series and Integrals.

11. Introduction to the Theory of Functions of a Complex Variable. (For Fourth Year and other qualified students).

Three hours .....Professor Sullivan.

Text-books:—MacRobert, Functions of a Complex Variable; Whittaker and Watson, Modern Analysis; Appell and Lacour, Fonctions Elliptiques (Gauthier-Villars).

For Courses in Commerce open to students in Arts and Science, see page 243.

Honour Courses in Mathematics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2.

Second Year:—Mathematics 3, 4, and either Mathematics 5 and Physics 4, or Mathematics 42 of Commerce.

Third Year:—Courses 6, 7, 8, and a fourth course (in any subject) approved by the Department.

Fourth Year:—Courses 9, 10, 11, and a fourth course (in any subject) approved by the Department.

Honour Courses in Mathematics and Physics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2.

Second Year:—Mathematics 3, 4, 5; Physics 3, 4. (Chemistry and English recommended as other subjects to be chosen).

Third Year:—Mathematics 6, 7; Physics 5, 6.

Fourth Year:—Mathematics 10, 11; Physics 7, 8, 9, 10.

Graduate Courses in Mathematics

See page 450.

ORIENTAL LANGUAGES

Arrangements have been made with the Theological Colleges to give courses in this subject. Students who wish for instruction in this subject should consult the Dean of the Faculty.

DEPARTMENT OF PHILOSOPHY

PROFESSORS:—{C. W. HENDEL
R. D. MACLENNAN

LECTURER:—J. S. FULTON

SESSIONAL LECTURER:—C. CURRIE

GENERAL COURSES

1. Introduction to Philosophy. Second Year.

An introduction to philosophical thought on the world and man. There is included a study of logic and scientific method and discussion of the relations of science, philosophy and religion.

Reading:—Modern Symposium by G. Lowes Dickinson (Doubleday); *Dialogues of Plato* (Modern Library); *Selections* from *Descartes* and *Hume* (Scribner's Modern Students' Library); *The Traditional Formal Logic* (Sinclair, Methuen).

Once a week the class meets in tutorial groups.

Tu., Th., Sat., at 10.....Professor Hendel assisted by Professor Maclennan (lecturing in Logic), Dr. Fulton and Mr. Currie.

2. Ethics. Second Year.

The main types of ethical theory, ethics of the individual and ethics of society.

Reading:—Plato's *Republic* (Golden Treasury); Butler's *Fifteen Sermons* (Matthews, Bohn Library, Bell); Aristotle, *Politics,* Hobbes, *Leviathan,* and Rousseau, *Social Contract* (Everyman Library); Kant, *Fundamental Principles of the Metaphysics of Morals* (T. H. Abbot, Longmans).

Mon., Wed., Fri., at 11.....Professor Maclennan assisted by Professor Hendel (lecturing in Social Ethics).

3A. Types of Philosophy. Third and Fourth Years. First Term.

Reading:—Hocking, *Types of Philosophy* (Harvard); B. Russel, *Problems of Philosophy* (Holt).

Prerequisite:—Philosophy 1.

Mon., Wed., Fri., at 12.....Professor Maclennan assisted by Dr. Fulton.

3B. Introduction to Scientific Thought. Third and Fourth Years. Second term.

Reading:—L. S. Stebbing, *A Modern Introduction to Logic;* H. Reichenbach, *Atom and Cosmos.*

Prerequisite:—Philosophy 1, excepting in the case of Science students in the upper years who are permitted to take Philosophy 3B without previous philosophy.

Mon., Wed., Fri., at 12.....Professor Maclennan assisted by Dr. Fulton.

4. History of Philosophy. Third and Fourth Years.

First Term: Greek Philosophy.

Reading: *Dialogues of Plato* (Modern Library); *Selections from Aristotle* (Modern Student's Library).

Prerequisite: Philosophy 1.

Tu., Th., Sat., at 11.....Dr. Fulton.

Second Term: Modern Philosophy.

Reading:—*Selections* from *Descartes* and *Hume* (Modern Student's Library); Kant's *Prolegomena* (Open Court); Bergson, *Creative Evolution* (Holt).

Prerequisite:—Philosophy 1.

Tu., Th., Sat., at 11.....Mr. Currie

ADVANCED COURSES

5. Political and Social Philosophy.

Seminar on human relations, law, the State, international relations, society and culture from the point of view of ethics, through discussion of the works of Rousseau (*Social Contract,* Everyman, Dent; and other writings); Plato (*Republic and Laws*); *Aristotle* (*Politics* and *Ethics,* Everyman); various authors of the 17th and 18th centuries, notably Hobbes, Kant (*Metaphysic of Morals,* Longmans); Hegel; Sir Henry Maine; T. H. Green (*Principles of Political Obligation,* Longmans); Bosanquet; Karl Marx and followers; Hocking and other contemporary authors. Various topical discussions will be held on Law, Freedom, Sovereignty, Democracy, Authoritarian Politics, Literature and Ethics, Religion and the State.

The students will make some special investigations of their own in this course.

Prerequisite: Philosophy 2. Students of advanced standing in economics and political science, or other cognate subjects, are permitted to take this course without fulfilling the above prerequisite, but only with the express consent of the lecturer.

Th., 4.00—6, and an hour to be arranged.....Professor Hendel.

6. Fundamental Problems of Philosophy.

The main problems of logic, metaphysics and the philosophy of religion will be discussed with reference to the works of Kant, Alexander, Bergson, deBurgh and others.

Prerequisites:—Philosophy 1 and 3 or 4.

Mon., Wed., Fri., at 10.....Professor Maclennan, assisted by Dr. Fulton and Mr. Currie.

7. Readings in the Classics of Philosophy, Ancient and Modern.

This course is in two sections:

Ancient Classics. Reading:—*Dialogues of Plato* (Random House); Aristotle, *Ethics* (Everyman).

Hours to be arranged.....Dr. Fulton.

Modern Classics. Reading:—Spinoza, Leibniz, Kant and Hegel.

Hours to be arranged.....Mr. Currie.

Prerequisites: 1 and 4. Students may take either the Ancient or the Modern section as a full course.

8. Seminar on Contemporary Philosophy.

Subject for 1938-39: Philosophy and History.

Time to be arranged.....The Staff.

HONOURS COURSES

The Plan of Honours in Philosophy.

Students taking an honours course are to study the subject of philosophy as a whole. They are expected to master a certain body of essential reading some of which may not be dealt with in any lecture courses and conferences. At the conclusion of the Fourth Year there is a comprehensive examination on the total work done in the field of philosophy. The examination will consist of three papers which take the place of examinations in the courses of the Fourth Year.

Students pursuing a combined Honour Course are examined on such portion of the general reading and courses as is pertinent to the combined subject-matter of their course of study. They take two of the comprehensive examinations instead of examinations in the courses of their Fourth Year.

The General Reading is as follows:

Reading for the Field of Philosophy

Plato: *Republic, Thaetetus, Timaeus.*

Aristotle: *Nicomachean Ethics, Politics, Poetics.*

Descartes: *Meditations,* etc.

Spinoza: *Ethics.*

Leibniz: *Philosophical Writings* (Everyman).

Locke: *Essay on Human Understanding.*

Newton: *Principia,* Bk. 3, *System of the World, Rules of Reasoning in Philosophy* and *Conclusion.*

Berkeley: *Principles and Dialogues.*

Hume: *Dialogues.*

Kant: *Critique of Pure Reason. Critique of Practical Reason.*

Hegel: *Introduction to Phenomenology of Mind,* and to *Philosophy of History.*

Bergson: *Creative Evolution.*

Whitehead: *Science and the Modern World, Adventures of Ideas.*

The course requirements are as follows:

Second Year:—Philosophy 1.

Third Year:—Three general courses, 2, 3 and 4.

Fourth Year:—Three advanced courses and one full course in another subject approved by the chairman.

For any combined honour course, a total of five full courses including Philosophy 1.

Philosophy as a Continuation Subject

Students interested in studying philosophy in conjunction with other subjects are advised to take their courses in Philosophy in the sequences indicated below in connection with the other studies:

1. Philosophy with one or more studies in the social sciences, e.g., economics, history, politics, psychology and sociology.

   Philosophy 1, Philosophy 2, Philosophy 5, Philosophy 8 (session 1938-39).

2. Philosophy with one or more studies in the natural sciences, e.g., biochemistry, botany, chemistry, genetics, physics, zoology.

   Philosophy 1, Philosophy 3, Philosophy 4 or 6.

3. Philosophy with studies in English or Foreign Literature.

   Philosophy 1, Philosophy 2, Philosophy 4.

DEPARTMENT OF PHYSICS

PROFESSORS:—A. NORMAN SHAW, L. V. KING, D. A. KEYS, J. S. FOSTER

ASSOCIATE PROFESSOR:—H. E. REILLEY

ASSISTANT PROFESSOR:—W. H. WATSON

LECTURER IN ASTROPHYSICS:—A. V. DOUGLAS

LECTURERS:—H. G. I. WATSON, F. R. TERROUX

DEMONSTRATORS: (1937-38)—C. A. HORTON, H. F. FEENY, D. SHUGAR, L. GELDART, D. B. SCOTT, K. G. McKAY, J. A. McCALLUM

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE

1. General Course.

Mon., Wed., and Fri. at 2, or at 3 *(by arrangement)*; laboratory, Tu. 2-4, or Wed. 4-6, or Th. 2-4.

Professor Keys and Demonstrators.

Text-books:—College Physics, Mendenhall, Eve, and Keys (Heath and Co.); An Elementary College Course in Experimental Physics (Renouf Publishing Co.).

1B. Outline of Physical Science. (Open to B.A. students).

An introductory course in physics and astronomy, suitable for students taking the diploma in education, and also those interested in the influence of physical science upon other branches of learning.

Mon., Wed. and Fri. at 12; (laboratory, 10 periods only, Wed. 4-6, or by arrangement).....Dr. Douglas.

Reference books:—College Physics, Mendenhall, Eve and Keys (Heath); Astronomy and Astrophysics, Vols. I and II, Russell, Dugan and Stewart (Ginn).

2P. General Course (Advanced). A continuation course in general physics, primarily for biological and pre-medical students. (Physics 1, or equivalent, prerequisite.)

Tu., Th. at 3, Wed. at 11, laboratory Wed. 2-4 or by arrangement

Professor Reilley and Demonstrators.

Text-books:—Duff's Text-book on Physics (Blakiston); Laboratory Manuscripts (mimeographed). *Reference books*:—Daniel's Text-book on Medical Physics (Macmillan); Jones, Electricity and Magnetism (Lewis).

2. Heat, Sound and Light. (Engineering 311, Lab. 312.)

Tu., Th., Sat. at 11; laboratory, Wed. 11-1, or Wed. 2-4.

Professor Shaw and Demonstrators.

Text-books:—Duncan and Starling's Heat, Light and Sound (Macmillan); Heat, Sound and Light Laboratory Manual (Renouf Publishing Co.).

3A. Electricity and Magnetism. (Engineering 315, Lab. 316.)

Mon., Fri., at 11; laboratory, Mon. or Fri. 2-5; also weekly voluntary tutorial.

Professor Reilley, Dr. H. G. I. Watson, and Demonstrators.

Text-books:—Zeleny, Elements of Electricity (McGraw-Hill); Electricity and Magnetism Laboratory Manual (mimeographed).

Reference book:—Starling's Electricity and Magnetism (Longmans).

3B. Statics and Hydrostatics.

Sat., at 9.....**Professor Reilley.**

Text-book:—Loney's Statics and Dynamics (C.U.P.).

4. Dynamics.

Two hours, first term; one hour, second term. (A half course combined with Mathematics 5 to form a three-hour unit; Tu., Th., at 9.....**Dr. Terroux.**

Text-book:—Loney's Statics and Dynamics (C.U.P.).

5A. Properties of Matter. (Replaced by 10 in alternate sessions.†)

Tu. at 10; laboratory Mon. 2-5.....**Dr. Terroux.**

Text-book:—Newman and Searle, "General Properties of Matter" (E. Benn Co.).

5B. Statics, Dynamics of a Particle and Rigid Dynamics.

Wed. at 12, Fri. at 9, Tutorial problem hour, Mon. at 12

Professor W. H. Watson.

Text-books:—Lamb's Statics and Lamb's Dynamics (C.U.P.).

6A. Electrical Measurements. (Graduate A.)

Tu., at 2, Wed., at 2; laboratory, Tu., 3-5, Wed., 3-5.

Professor W. H. Watson and Dr. H. G. I. Watson.

Reference books:—Law's Electrical measurements (McGraw-Hill), Starling's Electricity and Magnetism (Longmans); Pidduck's Treatise on Electricity (C.U.P.); Hague's Alternating Current Bridge Methods (Pitman, London); Chaffee's The Theory of Thermionic Vacuum Tubes (McGraw-Hill).

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†Course 5A in '38-'39, and course 10 in '39-'40.

6B. Light. (Graduate B.) (Replaced by 8B in alternate sessions.*)

Sat. at 10; Tutorial problem hour, Tu. at 11; laboratory Th., 2-5
Professor Keys and Dr. Douglas.

Text-book:—Monk's Light (McGraw-Hill).

References:—Robertson's Physical Optics (Van Nostrand); Wood's Physical Optics (Macmillan); Drude's Optics (Longmans).

6C. Electricity. (Engineering 318.)

Mainly for Electrical Engineering students.

Second term; Tu., Th., at 9.....Professor Keys.

7A. Electromagnetic Theory. (Graduate C.)

Fri., at 9.....Professor Keys.

Text-books:—Pierce's Electric Oscillation and Electric Waves (McGraw-Hill); and Elements of Electricity and Magnetism, by J. J. Thomson (C.U.P.).

7B. Mathematical Physics. (Graduate D.)

This course includes an introduction to quantum theory and nuclear physics.

Mon., Th., at 10 .....Professor Foster.

Text-books:—Houston's Introduction to Mathematical Physics (Longmans), and Page's Introduction to Theoretical Physics (Van Nostrand).

8A. Molecular Physics. (Graduate E.)

Wed., Fri., at 10 (laboratory, Mon. 2-5, first term).
Professors Shaw and W. H. Watson.

Text-book:—Crowther's Ions, Electrons and Ionizing Radiation (E. Arnold). *Reference books*:—An Outline of Atomic Physics, by the Physics Staff of the University of Pittsburgh (Wiley); Richtmeyer's Introduction to Modern Physics (McGraw-Hill).

8B. Theory of Heat. (Graduate F.) (Replaced by 6B in alternate sessions.*)

Mon., at 9 (laboratory, †Th. 2-5); Tutorial problem hour, Sat. at 10.....Professor Shaw and Dr. Douglas.

Text-book:—Roberts' Heat and Thermodynamics (Blackie).

9. Radioactivity. (Graduate G.)

Tu., Th., at 11, laboratory, Mon., 2-5, second term.....Dr. Terroux.

Reference book:—Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (C.U.P.).

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*Course 6B in '38-'39, and 8B in '39-'40.

†The Department of Mining and Metallurgy kindly permits students to do additional practical tests in the Metallurgical Laboratory.

10. Applications of Vector Analysis. (Graduate H.) (Replaced by 5A in alternate sessions.‡)

Tu., at 10.....Professor W. H. Watson.

Text-books:—Coffin's Vector Analysis (Wiley); Phillips' Vector Analysis (Wiley).

11. Astrophysics.

Tues. and Fri. 10-11 (Lab. Tues. 2-4).....Dr. Douglas.

Reference books:—Russel, Dugan and Stewart, Vols. I, II, Astronomy (Ginn); Aitken, The Binary Stars, (Univ. of California Pub.).

12. Applied Geophysics. (Engineering 320, Graduate W.)

A course on the theory and practice of geophysical methods as applied to problems in Engineering and Geology.

Mon. and Wed. at 9, first term.....Professor Keys.

Text-book:—Applied Geophysics, Eve and Keys, 2nd edition (Camb. Univ. Press).

Reference book:—Elements of Geophysics, Ambronn, trans. Cobb (McGraw-Hill).

Honour Courses in Mathematics and Physics

Prerequisite:—High standing in Mathematics 1; Physics 1 or 2. First Year students intending to take these Honour courses are advised to take Physics 2 and the advanced section of Mathematics 1; in this case they should also attend that part of Course 1 which deals with electricity and magnetism.

Second Year:—Mathematics 3, 4, 5; Physics, 3, 4; (Chemistry or English or German recommended as other subject to be chosen).

Third Year:—Mathematics 6, 7; Physics 5, 6.

Fourth Year:—Mathematics 10, 11; Physics 7, 8, 9, 10.

Third and Fourth Year Honour students are invited to attend the Physical Society and colloquia.

A reading knowledge of scientific French and German should be obtained before the end of the fourth year.

See page 172 for course in Engineering Physics.

Graduate Courses in Physics

See page 456.

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‡Course 5A in '38-'39, and 10 in '39-'40.

DEPARTMENT OF PHYSIOLOGY

PROFESSOR:—JOHN TAIT

RESEARCH PROFESSOR:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURERS:—S. DWORKIN, D. A. ROSS

TEACHING FELLOW:—W. H. JOHNSON

I. Human Physiology.

I. Lectures: Mon., Wed., and Fri., at 9.

I.L. Laboratory: first term, Wed. 2 to 5.

In order to pass or to obtain second- or first-class standing in this course, the requisite standing must be reached in each of lectures and of laboratory. Failure in I.L. means repetition of I.L.

Zoology 1. should be taken either concurrently with or prior to this course. A concurrent course in Histology is strongly recommended.

II. Human and Comparative Physiology.

I Lectures: Mon., Wed., and Fri., at 12.

II.L. Laboratory: second term, Mon. 2 to 5.

Standing in this course will be determined as in Physiology I. A student who has failed to pass I.L. but whose record is otherwise satisfactory may be permitted to register for Physiology II but will not be accepted for laboratory II.L. until laboratory I.L. has been passed.

Prerequisites:—Physiology I and I.L.; Zoology 1; Biochemistry 1 must be taken concurrently; Histology 1. should be taken concurrently if not already passed.

Text-books:—Winton and Bayliss, "Human Physiology"; Halliburton and McDowall, "Handbook of Physiology"; Howell, "Textbook of Physiology"; Roaf, "Textbook of Physiology"; Starling, "Human Physiology"; Samson Wright, "Applied Physiology"; MacLeod (and Bard), "Physiology in Modern Medicine"; Best and Taylor, "Physiological Basis of Medical Practice"; Evans (and Newton), "Recent Advances in Physiology" (4th and 5th edition); Cameron, "Recent Advances in Endocrinology"; Robson, "Recent Advances in Sex and Reproductive Physiology"; Cannon and Rosenblueth, "Autonomic Neuro-effector Systems"; Rogers, "Textbook of Comparative Physiology; Bayliss, "Principles of General Physiology"; Heilbrunn, "Outline of General Physiology"; Barnes, "Textbook of General Physiology".

Laboratory Manuals:—Sharpey-Schafer "Experimental Physiology"; Sherrington and Liddell, "Mammalian Physiology".

DEPARTMENT OF PSYCHOLOGY

PROFESSOR:—WILLIAM D. TAIT
ASSOCIATE PROFESSOR:—CHESTER E. KELLOGG
LECTURER:—N. W. MORTON
DEMONSTRATOR:—JAMES A. STEVENSON
ASSISTANT:—D. O. HEBB

1. **Introduction to Psychology.** Second Year.
Mon., Wed., at 10, and three laboratory periods per month to be arranged. This course is a prerequisite for all other courses.
Professor Tait.

2. **Advanced Psychology.** Third and Fourth Years.
Lectures, experiments, and readings following syllabus issued by the instructor.
Mon., Wed., Fri., at 11.....Professor Kellogg.

3. **Experimental Psychology.** Third and Fourth Years.
Conference or lecture, Wed. at 2; 4 hours laboratory to be arranged.
Dr. Morton.

4. **Physiological Psychology.** Third and Fourth Years.
Lectures, readings and reports. Open only to students who have passed or take concurrently Course 2 or Course 3, and to B.Sc. students taking continuation work in Biology.
First term: Hours to be arranged.....Dr. Morton.
(Given in 1938-39.)

5. **Comparative Psychology.** Third and Fourth Years.
Open only to students who have passed or take concurrently Course 2 or Course 3 or Natural Science 1 or Zoology 1.
Mon., Wed., and Fri., at 10.....Professor Kellogg.
(Given in 1938-39.)

6. **Child Psychology.** Third and Fourth Years.
Lectures, readings and reports (half course).
First term: Tu., Th., Sat., at 10.....Professor Tait.
(Given in 1939-40.)

7. **Social Psychology.** Third and Fourth Years.
Lectures, readings and reports.
Tu., Th., Sat., at 11.....Professor Tait.

8. **General Introduction to Aesthetics.** Third and Fourth Years.
Lectures, readings, and a thesis.
Prerequisite:—Course 2 or Course 3, taken previously or concurrently, or continuation work in literature, music, philosophy, or history. Other advanced students may be admitted by permission.
(Given in 1939-40.).....Professor Kellogg.

9. **Educational Psychology.** Third and Fourth Years.
Lectures, reading, and a thesis.
Tu., Th., Sat., at 10.....Professor Tait.
(Given in 1938-39.)

10. **Psychology of Aptitudes.** Third and Fourth Years.
Lectures, readings and reports. Honour students are expected to devote some time to practical testing.
First term, Mon., Wed., Fri., at 12.....Dr. Morton.

11. **Industrial Psychology.** Third and Fourth Years.
Lectures, readings and reports.
Second term, Mon., Wed., Fri., at 12.....Dr. Morton.

12. **History of Human Behaviour.** Ancient Problems, Third and Fourth Years.
Lectures, readings and reports.
First term, Tu., Th., Sat., at 10.....Professor Kellogg.
(Given in 1939-40.)

13. **The Individual and Society.** Modern Problems, Third and Fourth Years.
Lectures, readings and reports.
Second term, Tu., Th., Sat., at 10.....Professor Tait.
(Given in 1939-40.)

14. **Abnormal Psychology.** Fourth Year and Graduate.
Lectures, readings and reports.
Open to Fourth Year, Pre-Medical and Graduate Students.
Tu., Th., Sat., at 12.....Professor Kellogg and Dr. Hebb.

15. **History of Modern Psychology.** Third and Fourth Years.
Lectures, readings and reports.
Prerequisite:—Course 2.
First term. Three hours to be arranged.....Dr. Morton.
(Given in 1939-40.)

16. **Contemporary Psychological Theory.** Third and Fourth Years.
Conferences, readings and reports.
Prerequisite:—Course 15.
Second term. Three hours to be arranged.....Professor Kellogg.
(Given in 1939-40.)

17. **Psychology of Personality.** Fourth Year.
Prerequisites:—Course 2, or Course 7, or Courses 6 and 13, or Courses 12 and 13.
Second term. Mon., Wed., Fri., at 10.....Dr. Morton.

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Honour Courses

Students contemplating Honours must take Psychology I and are advised to take Philosophy I or IA in Second Year, also Biology and Elementary German in either First or Second Year. Admission to Honours will depend upon the student's standing in Psychology and related subjects.

Third Year:—At least two courses in Psychology, including either 2 or 3. The remaining courses should be selected in consultation with the Head of the Department.

Fourth Year:—Four full courses, as in third year, except that course 2 may not be counted as an Honour Course in 4th year. At the end of the Fourth Year Honour students are required to take a comprehensive examination covering the whole field. This examination may be either oral or written.

The requirements for Honours in Psychology and other subjects are two courses in Psychology and two in the other subjects selected, each year.

Graduate Courses

See page 462.

DEPARTMENT OF SOCIOLOGY

Professor:—Carl Addington Dawson
Assistant Professor:—Robert E. Lee Faris
Assistant:—Eva R. Younge

1. **Introduction to the Study of Society.** Second Year.
(*a*) Tu., Th., Sat., at 12.....Professors Dawson and Faris.
(*b*) Tu., Th., Sat., at 11.....Professors Dawson and Faris.
Text-book:—Dawson and Gettys, An Introduction to Sociology. The Ronald Press.

2. **The Community.** Third and Fourth Years.
Given in 1939-40.

3. **Immigration and population growth; the assimilation of alien groups; the race factor in Canada.** Third and Fourth Years.
2nd Term, Tu., Thur., Sat., at 9.....Professor Dawson.

4. **Social Disorganization.** Third and Fourth Years.
Given in 1939-40.

5. **Social Origins: the culture and social organization of pre-literate Peoples.** Third and Fourth Years.

1st Term: Mon., Wed., Fri., at 9.....Professor Faris.

6. **Social Movements.** Third and Fourth Years.

2nd Term: Mon., Wed., Fri., at 9.....Professor Faris.

7. **The Family.** Third and Fourth Years.

1st Term: Tues., Thur., Sat., at 9.....Professor Dawson.

9. **The Sociology of the Child.** Third and Fourth Years.

(Given in 1939-40.)

11. **Social Institutions.**

(Given in 1939-40.)

12. **Social Attitudes and Personality.**

Hours to be arranged.....Professor Dawson.

Honour Courses

Second Year:—Course 1 and two courses selected from any two of the allied Departments of Economics, Psychology, Philosophy and History.

Third Year:—Two full courses.

Fourth Year:—Three full courses.

The Department makes a liberal use of courses in allied Departments in planning the program for honour students.

Students taking honours in Sociology and one other subject are required to take two courses in each Department.

Graduate Courses

For graduate courses in Sociology, see page 463.

DEPARTMENT OF SPANISH

Professor:—R. M. Sugars

The courses in Spanish offered in the School of Commerce may be taken by B.A. students as shown on page 166. Details of the courses are given on page 246.

DEPARTMENT OF ZOOLOGY

STRATHCONA PROFESSOR:—.....

ACTING HEAD OF THE DEPARTMENT:—W. H. BRITTAIN (Head of the Department of Entomology at Macdonald College and Vice-Principal of Macdonald College)

ASSOCIATE PROFESSOR:—N. J. BERRILL

ASSISTANT PROFESSOR:—V. C. WYNNE-EDWARDS

LECTURER:—KATHLEEN G. TERROUX

SESSIONAL LECTURER:—RONALD GRANT

HON. LECTURER:—B. W. TAYLOR

DEMONSTRATOR:—L. R. RICHARDSON

PROFESSOR OF PARASITOLOGY AND DIRECTOR OF THE INSTITUTE OF PARASITOLOGY AT MACDONALD COLLEGE, SPECIAL LECTURER:—
T. W. M. CAMERON

Natural Science 1. A conjoint course in Botany, Zoology and Geology, outlining briefly the nature and evolution of the earth and its inhabitants.
Mon., Wed., Fri., at 12.....Professor Berrill.

1. General Zoology.
Mon., Fri., at 11; laboratory Wed. or Thurs., 2-5.
Dr. Grant and Dr. Terroux.
As many students as possible should take the practical class on Wednesday afternoons.

2. Vertebrate Zoology.
Tu., Th., at 10; laboratory Fri., 2-5.....Professor Wynne-Edwards.

3. Invertebrate Zoology.
Mon., Wed., at 10; laboratory Tu., 2-5.
Professor Berrill and Dr. Richardson.

4A. Comparative Embryology.
First Term: Tu., Th., at 12; laboratory Th., 2-5.
Professor Berrill.
(Prerequisites: Chemistry 2 and 4).

4B. Experimental Zoology.
Second Term: Tu., Th., at 12; laboratory Th., 2-5....Dr. Terroux.
(Prerequisites: Chemistry 2 and 4).

5. Animal Histology.
Second Term: Mon., Wed., at 11. Laboratory Tu., 2-5.
Professor Berrill.
(Follows on Botany 2A as a second term continuation.)

6A. Entomology.

First Term: Mon., Fri., at 12. Laboratory Mon., 2-5.
Professors Brittain and DuPorte and Dr. J. McBain Cameron.

6B. Parasitology.

Second Term: Mon., Fri., at 12. Laboratory Mon., 2-5.
Professor T. W. M. Cameron.

7. Advanced Vertebrate Zoology. (including Ornithology).
Mon., Fri., at 11. Laboratory Tu., 2-5.
Professor Wynne-Edwards and Mr. Taylor.
(Prerequisite: Zoology 2).

The conjoint course in Natural Science is not necessarily a prerequisite for Zoology 1, but Zoology 1 should be taken before Zoology 2-6.

HONOUR COURSE IN ZOOLOGY

First Year: As for general B.Sc., preferably including Botany 1 instead of Natural Science.

A total of five courses must be taken in each of the 2nd, 3rd and 4th years and must be approved by the Head of the Department before the student registers. In his four years' study, an Honour student must take all the courses given in the Department during that period.

Honour students may be required to take a general examination in Zoology at the end of the Fourth year in addition to the ordinary course examinations.

Text-books:—Borradaile, "Manual of Elementary Zoology," Oxford Univ. Press; Guyer, "Animal Biology," Harper Bros., New York.

Adams, "Introduction to the Vertebrates," Wiley, New York; De Beer, "Vertebrate Zoology," Macmillan, New York; Neal and Rand, "Comparative Anatomy," P. Blakiston's Son & Co., Philadelphia; Goodrich, "Structure and Development of Vertebrates," Macmillan, London; R. P. Bigelow, "Directions for the Dissection of the Cat," Macmillan, New York.

Borradaile, Eastham, Potts & Saunders, "The Invertebrata," Cambridge Univ. Press; Hegner, "Invertebrates," Macmillan, New York; Parker & Haswell, "Text-book of Zoology, 2 vols.," Macmillan, London.

De Beer, "Introduction to Experimental Embryology," Oxford Univ. Press; McEwen, "Text-book of Embryology," Hy. Holt & Co.; Huxley and De Beer, "Experimental Embryology," Cambridge Univ. Press; C. H. Waddington, "How Animals Develop," Geo. Allen &

Unwin, London; Bayliss, "Principles of General Physiology," Longmans Green & Co.; J. Gray, "A Text-book of Experimental Cytology," Cambridge Univ. Press.

Wardle, "General Entomology," Cameron, "Internal Parasites of Domestic Animals," Macmillan, Toronto; Craig and Faust, Clinical Parasitology, Lea and Febiger, Philadelphia; Brumpt, "Précis de Parasitologie," Masson, Paris; Hegner, Root & Augustine, "Animal Parasitology," Century Co., New York; Chandler, "Introduction to Human Parasitology," Wiley, New York; Russell and Yonge, "The Seas," Warne Bros., London; Chapman, "Handbook of the Birds of Eastern North America," Putnams, New York.

GRADUATE COURSES IN ZOOLOGY

See page 464.

DEPARTMENT OF PHYSICAL EDUCATION

DIRECTOR, DEPARTMENT OF PHYSICAL EDUCATION:—ARTHUR S. LAMB

UNIVERSITY MEDICAL OFFICER:—F. G. PEDLEY

ATHLETICS MANAGER:—D. S. FORBES

ASSISTANT PHYSICAL DIRECTORS:—F. M. VAN WAGNER, HAY FINLAY

At the time of his medical examination (see page 148), each student is asked to fill in a card indicating his choice of physical activity, which he will be allowed to follow unless debarred for medical reasons, in which case he is given a further choice among other recognized but less strenuous forms of exercise or does gymnasium work as the case may require.

Physical Education is compulsory for all students of the first two years. Two hours per week are devoted to it.*

Any student participating in competitive athletics may be excused from other forms of exercise during the season of training at the option of the Director.

Not less than one month before the conferring of degrees, the Director furnishes to the Registrar of the University, for transmission to Senate and the Faculty, a list of all students, being candidates for degrees at the forthcoming Convocation, who have failed to satisfy the requirements of the Committee on Physical Education, and no Diploma for a degree is issued to any such candidate except by express direction of Senate.

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*NOTE:—Owing to lack of accommodation this requirement is suspended for the session 1938-39.

No student in default is allowed to proceed to the next year of his course unless exemption is granted for special reasons on the recommendation of the Faculty and approved by the Committee on Physical Education.

All students in good standing, who are taking a course of study held to be sufficient by a special committee of the Faculty in which they are enrolled, are allowed to take part in athletics, subject, however, to the general regulation regarding medical examination.

Suspension from lectures for any cause, or absence from more than one-eighth of the total number of lectures given in any course, is considered sufficient grounds to disqualify a student from engaging in athletic contests.

During the session and including the Christmas holidays, all teams and individual students *desiring to participate in "outside athletics"*† must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletics Manager, by whom all such sanctions are granted.

Any student who takes part in any athletic contest which has not been sanctioned, or who fails to comply with the regulations concerning eligibility, medical examination, etc. is immediately debarred from participation in any University athletics for two months from the date of his offence. The Athletics Board may, if it sees fit, report the matter through the proper channels to the Principal for appropriate disciplinary action.

(For further regulations see handbook published by the Athletics Board.)

FOR WOMEN (Royal Victoria College)

PHYSICAL DIRECTOR FOR WOMEN:—JESSE S. HERRIOTT.

UNIVERSITY MEDICAL OFFICER FOR WOMEN:—MARY C. CHILDS

ASSISTANT PHYSICAL DIRECTORS FOR WOMEN:— {RUTH HARVEY. / ZERADA SLACK.

Undergraduate students in the Faculty of Arts and Science are required to take at least two hours work per week in this Department for the first three years of their course. Women students of the First year are required to take gymnastics or dancing or swimming as one of their hours.

Classes start the week of October 10th, 1938.

Courses for 1938-'39: (Classes will be taken out of doors whenever weather permits).

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†"Outside Athletics" are athletics not under the control of the Athletics Board of the University or of the Intercollegiate Athletic Union.

1. **Rhythmical Gymnastics.**
   Tuesday at 10, Wednesday at 12, Thursday at 3.
2. **Apparatus.**
   Tuesday at 3.
3. **English Country Dancing.**
   Monday at 3.
4. **Elementary Modern Dancing.**
   Friday at 12.
5. **Advanced Modern Dancing.**
   Wednesday at 11.
6. **Folk and National Dancing.**
   Wednesday at 2.
7. **National and Character Dancing.**
   Thursday at 10.
8. **Clog Dancing.**
   Wednesday at 11.
9. **Badminton.**
   Elementary, Thursday at 2.
   Intermediate, Tuesday at 11, Wednesday at 9, Thursday and Friday at 11.
   Advanced, Tuesday at 5.
   No student may enrol for more than one year or for more than one class a week.
   Racquets must be furnished by the students.
10. **Swimming:** Montreal High School Pool.
    Elementary: Wednesday at 11.
    Advanced: Monday 12, Tuesday at 12, Wednesday at 4.30.
    A fee of $1.50 to cover suit and towel service must be paid by the student before the first of November.
11. **Volleyball, Basketball, Baseball.** Seasonal arrangements.
    Intermediate Sections: Wednesday at 4, Thursday at 4.
    Advanced Sections: Tuesday and Thursday at 5.
12. **Elementary Tennis.**
    Monday at 2, Tuesday at 9.
    Racquets must be furnished by the students.
13. **Archery.**
    Monday at 11, Thursday at 11, Friday at 10.
14. **Elementary Golf.**
    Friday at 9 and 12.
    Clubs must be furnished by the students.

15. Postural Exercises.

Students are assigned to this class as a result of the Health Examination and suitable hours are arranged.

16. Hygiene Lectures and Examination.

Lectures on Personal and Community Hygiene will be given every Monday at 5 p.m. in Room 105, R.V.C. An examination will be given in March; the passing of this is necessary to complete the work in the Department of Physical Education. Attendance at lectures is voluntary.

In January and February, skiing and skating may be substituted for an indoor class. Arrangements for these will be made by the Department and further notice given.

SCHOLARSHIPS, PRIZES, MEDALS, AND LOAN FUNDS

Details of Scholarships, Bursaries, Prizes, Medals, and Loan Funds are given on pages 119 to 126.

THE ROYAL VICTORIA COLLEGE

Founded and Endowed by the late Rt. Hon. Baron Strathcona and Mount Royal

The Building.

The College building, surrounded by garden and tennis courts, was erected in 1899 at a cost of about $400,000 at the head of Union Avenue upon land adjacent to the University Campus. It was enlarged by the erection of a new wing in 1930-31.

The building provides an academic, administrative, and recreational centre for resident and non-resident students. It is situated on Sherbrooke Street, in close proximity to the University buildings, and within easy reach of Mount Royal Park. The building is fire-proof, and much thought and artistic care have been given to furnishing and decoration.

The College contains study-bedrooms for 110 students and an adequate number of tutors, with reception rooms and a modern infirmary.

Each student has a room of her own. These are completely furnished and no article of furniture need be brought by the students.

Admission and Instruction.

As the College is a college of McGill University, and its students are registered in the Faculty of Arts and Science, they are required to comply with the regulations concerning admission, discipline and instruction made by the University and Faculty (see page 151 and following pages) and, in addition, with such regulations as may be made by the Royal Victoria College.

Students are required to enter on the roll book of the College their names, home addresses, and addresses in Montreal. Students not residing with their parents or guardians in Montreal are expected to apply for residence at the College. Those who do not so apply are required to submit their plans for residence to the Warden and to obtain written approval. No sanction can be given to establishments of students in apartments or elsewhere unless such households are presided over by a parent or other responsible person approved by the University. All students entering the University for the first time are required, according to municipal regulations, to present a certificate or other satisfactory evidence of successful vaccination. No student who has an infectious illness or who comes from a house in which there has been an infectious illness within a month, may enter or return to the College without giving notice and obtaining the consent of the Warden. The health of the residential students is in charge of a physician Dr. W. F. Hamilton, who may be consulted, free of charge, by arrangement with the Warden. Every student applying for

admission to residence is required to fill in an entrance form and to forward a medical certificate on a form provided by the College.

Students of the College have the use of the University Library. There is also a College Library, in charge of a trained Librarian, comprising works of general literature and the chief stated books required for the University curricula. The College Library and Reading Room are open to resident students from 9 a.m. to 11 p.m. and to non-resident students from 9 a.m. to 6 p.m. (on Saturdays from 9 a.m. to 1 p.m.).

The Warden's business hours are 10 a.m. to 1 p.m.; at other times, by special appointment. She will be glad to meet all students before the opening of the session and to discuss their plan of work then or at any other time during the session.

Applications for admission should be addressed to the Warden, Royal Victoria College, Montreal.

Scholarships, Bursaries and Loan Funds.

See pages 119 to 126.

Tuition Fees.

See page 158.

Board and Residence.

Residence in the College is open to graduate students, undergraduates, and, in exceptional circumstances, to partial students. Application for residence should be made early, as accommodation in the college is limited. *No room is assigned for a shorter period than the University Session.* The charge for board and residence, in addition to the sessional fee for tuition, is $450 ($175 for room, $275 for board). This may be paid in two equal instalments of $225 each, in October and February. Room rent includes all expenses of heat and light. These charges cover the period of the University session from the first day of registration (September 26th) to the close of the examinations (for members of the graduating class, to the day after Convocation). A deposit fee of $10.00 is required when a room is reserved, and is deducted from the charges for the first term.

Students entering earlier or remaining later for purposes of instruction, practice teaching, or examination are charged an additional fee of $1.50 a day.

Notice of withdrawal should be given at the close of the session, or not later than September 1st. Rooms are not reserved for students whose standing at the end of the session does not entitle them to proceed to the next year.

Radios

No radios may be installed in the College unless they are approved by recognized fire underwriters. Midget sets are not so approved.

Physical Education.

Physical Education with a wide choice between Archery, Basketball, Dancing, Gymnastics, Skating, Skiing, Swimming, Tennis, and other sports, is required of all women students in the first three years. Special care is taken that no student undertakes any exercise for which she is physically unsuited (*see page 224*).

For Medical examination, etc., see page 148.

SCHOOL OF COMMERCE

FOUR-YEAR COURSE LEADING TO THE DEGREE OF BACHELOR OF COMMERCE

For information concerning the Accountancy Diploma Course for students of the Accountancy Associations of the Province of Quebec, see pages 249 to 257.

ENTRANCE REQUIREMENTS

Candidates for admission to the First Year of the School of Commerce are required to pass either the Arts or Science Junior Matriculation or an equivalent examination (see pages 77 and 79).

The Senior Matriculation Examination (Commerce Division) which admits a student who has already passed the Junior Matriculation Examination to the second year is described on page 100.

A limited number of partial students may be admitted. For conditions of admission see page 152.

For information concerning Limited Undergraduates see page 152.

Women are admitted on the same terms as men.

Except under special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

Candidates desirous of entering the School of Commerce must apply for admission before September 10th. Application forms are provided by the Registrar's Office.

ADVISERS

At the time of registration each student entering the First Year is interviewed by a member of the Committee of the Board of Student Advisers. At this interview the student is given any information or advice that he may need and is assisted in the selection of his courses. At the same time he is assigned to an adviser whom he may consult at any time and should consult at least once a month.

ADMISSION TO THE SECOND AND THIRD YEARS

Applications for entrance to the Second and Third Years of the Faculty should be made to the Registrar's Office on the proper forms, and must be accompanied by complete details of previous university work.

HEALTH SERVICE

See page 148.

REGISTRATION

Students in Commerce are required to register on September 26th, 27th, or 28th from 9 a.m. to 12.00 noon and from 2 to 4.30 p.m. Students who register after the official registration days, must pay a late registration fee. For registration during the first week of the session, $5.00. For registration during the second week of the session, $10.00. This fee is not refunded except for satisfactory reasons and by authorization of the Faculty of Arts and Science. After the 18th day of October no person is admitted to the school without the special permission of the Faculty.

Students who wish to make a change in their choice of studies must make application to the Registrar to do so, on a regular form. No change in registration will be allowed, except under special circumstances, after the 15th of October.

ATTENDANCE

Students are required to attend at least seven-eighths of the total number of lectures in each course. If the unexcused absences are more than one-eighth but not less than one-quarter of the total number of lectures in a course, the student is not allowed to take the sessional examination in that course, but may take a supplemental. If, however, the unexcused absences amount to one-quarter or more of the total number of lectures the student is required to take the course over again.

Excuses on the ground of illness or domestic affliction are dealt with only by the Dean.

Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. Serious breaches of discipline are dealt with by the Dean of the Faculty.

Lectures commence at five minutes after the hour on the conclusion of the roll call, and end at five minutes before the hour. Two lates count as one absence.

In cases where it is impracticable to record late attendance, students are marked absent.

EXAMINATIONS AND ADVANCEMENT FROM YEAR TO YEAR

Information concerning examinations, supplemental examinations, and advancement from year to year, will be found on pages 156 and 157.

FEES

For fees in the Accountancy Diploma Course for Students of the Accountancy Associations of the Province of Quebec, see page 257.

Tuition Fees.

1. Annual undergraduate fee $235.00
   By instalments: Each of two instalments 120.00

2. *Limited Undergraduate Students*:—

   In the First Year, per course..... 45.00
   In other years, per course 60.00

3. *Partial Students*:—

   Per hour of instruction per week for a full course 20.00
   The total partial fee will not exceed the full undergraduate fee.

Other University Fees

4. Late registration, after September 28th 5.00
   Late registration, after October 5th 10.00
   Late payment fee 2.00
   Fine for late medical examination (see page 148).....$5.00 or 10.00
   Duplicate Graduation Diploma 10.00
   Conferring degree *in absentia* 10.00
   Certified copy of student's record 1.00
   Additional copies (at same time) ..... .50
   Supplemental Examinations, each paper 10.00
   Receipts for supplementals must be shown to the Dean's Office before the examination.
   Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation certificate 2.00

5. *Caution Money*:—Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities

6. A sessional fee of $20.00 is payable by all men undergraduates and $15.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletics Board.

7. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 6 as are open to them, an additional $9.50 is charged for men students and $5.50 for women students.

General Regulations

8. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m., and 2.30 to 4 p.m. on the following dates:—

Wednesday, September 28th
to
Tuesday, October 4th

or if desired fees may be remitted by mail before the above dates.

The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

9. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 8.

10. Immediately after the prescribed dates for the payment of fees the Bursar will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

11. All fees are payable in Canadian currency.

BOARD AND RESIDENCE

See page 160.

ESTIMATED EXPENSES

See page 161.

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS, AND LOAN FUNDS

Details of Scholarships, Bursaries, Prizes, Medals, and Loan Funds are given on pages 108 to 147.

COURSES FOR THE DEGREE OF BACHELOR OF COMMERCE

The courses extend over four years, and students who successfully complete them are granted the Degree of Bachelor of Commerce (B.Com.).

The curriculum, which may undergo modification before the beginning of the session, is now as follows:—

FIRST YEAR

Obligatory Subjects

English 1 and 2.

Mathematics 1.

French, or **Spanish**, or **German**.

Theory and Practice of Accounts.

Optional Subjects (two to be chosen)

Latin, or **Greek.**

German, or **Spanish**, or **French.**

Physics 1 or 1B or **Botany**, or **Zoology**, or **Chemistry** 1A or 1B with or without laboratory or **Chemistry** 16 without laboratory.

History 1A.

N.B.—Students intending to take Mathematics 4 in the Second Year must obtain 65 per cent in the Mathematics of the First Year.

SECOND YEAR

Obligatory Subjects

French, or **Spanish**, or **German** (continued).

Theory and Practice of Accounts.

Optional Subjects (three to be chosen)

Economics 21.

English.

Mathematics 43.

Mathematics 2 or 4.

Psychology 1.

German, or **Spanish**, or **French** 12 (continued).

Chemistry.

Physics 1 or 1B.—

N.B.—(*a*) Students proceeding to Mathematics 8 in the Fourth Year must pass in Mathematics 43, and in Mathematics 2 or 4, with high marks.

(*b*) Mathematics 43 is a prerequisite to Mathematics 42, and is necessary for students proceeding to the diploma of Licentiate in Accountancy of McGill University.

(*c*) Economics 21 is necessary for students proceeding to the diploma of Licentiate in Accountancy of McGill University (see page 237).

THIRD YEAR

Obligatory Subjects

French, or **Spanish** or **German** (continued for students who have taken one of these subjects during their First and Second Years).

Optional Subjects (four 3-hour courses, or their equivalent, to be chosen).

Theory and Practice of Accounts.

Business Organization and Scientific Management.

Industrial Psychology 11 (half course).

Psychology of Aptitudes 10 (half course).

Commercial Law.

Economics 22.

Economics 23 and 24.

English.

Mathematics 42.

Spanish, or **French** or **German** (continued).

N.B.—(*a*) Only half credit is given to a second modern foreign language begun after the Second Year. Students should further note that time-table complications may make it impossible to begin a second language in any year except the First.

(*b*) Mathematics, 2 or 4, and 42 and 43 must be taken by students proceeding to Mathematics 3 or 8 in the Fourth Year. High standing is required.

(*c*) Mathematics 42 is necessary for students proceeding to the diploma of Licentiate in Accountancy of McGill University.

(*d*) First and Second Year Accountancy are prerequisites to Accountancy in this Year.

(*e*) Economics 21 is a prerequisite to all the other courses in this Department.

(*f*) Second Year Psychology is a prerequisite to Industrial Psychology.

FOURTH YEAR

(Five 3-hour courses, or their equivalent, to be taken.)

French (continued).

Spanish (continued).

Theory and Practice of Accounts.

Business Organization and Scientific Management, if not taken in Third Year.

Industrial Psychology 11 (half course).

Psychology of Aptitudes 10 (half course).

Mathematics 8.

Mathematics 3.

Mathematics 42.

Commercial Law.

Marine Insurance and Transportation (half course).

Economics 25 and 26.

English.

N.B.—(*a*) Third Year Accountancy and Third Year Commercial Law are all prerequisites to Fourth Year Accountancy.

(*b*) Economics 21 is prerequisite to all the courses in Economics in the Fourth Year.

(*c*) The Mathematical courses prescribed in the first three years are all prerequisites to Mathematics 8 in the Fourth Year.

(*d*) Mathematics 42, English, and Business Organization and Scientific Management can be taken in either the Third or the Fourth Year.

(*e*) Candidates proceeding to the diploma of C.A. must take the Commercial Law course in both Third and Fourth Years, and also Business Organization and Scientific Management.

Students are responsible for seeing that courses chosen do not conflict as regards hours of lectures.

THE MASTER OF COMMERCE DEGREE

Bachelors of Commerce who have taken all the courses in Economics in the undergraduate curriculum for students in Commerce and have obtained at least second class standing may proceed to the Master of Commerce Degree. For particulars see page 418.

DIPLOMA OF LICENTIATE IN ACCOUNTANCY

To obtain the Diploma of Licentiate in Accountancy, which carries with it right of entrance into the Society of Chartered Accountants of the Province of Quebec, or into the Institute of Accountants and Auditors of the Province of Quebec, or into the Corporation of Public Accountants of the Province of Quebec, the student must satisfy the following conditions:—

(*a*) He must pass all the examinations required for the Degree of Bachelor of Commerce.

(*b*) The following courses must be included in his four-year course for the Degree of Bachelor of Commerce:

Four courses in Theory and Practice of Accounts
Business Organization and Scientific Management
Third and Fourth Year Commercial Law
Economics 21
Mathematics 42 and 43.

In the Third and Fourth Year Commercial Law examinations he must obtain an average of 55% in all sections and not less than 50% in each section. Any student who fails in any paper in Commercial Law must repeat the course and all the examinations of the course, but any student who passes in each paper but fails to obtain the 55% average is required only to repeat the examinations.

(*c*) He must spend at least one year, subsequent to his obtaining the Degree of Bachelor of Commerce, in the office of a practising accountant.

(*d*) He must attend the Evening Accountancy Diploma Course in Final Accounting and Auditing. (See pages 251 and 254).

(*e*) He must make written application to Professor R. M. Sugars to sit for the Final Accounting and Auditing examination, and with his application must include a statement from his employer or employers to the effect that he has spent at least one full year in the office of an accountant. The fee must be sent with the application.

(*f*) He must pass successfully the final examination in Accounting and Auditing before a board of six examiners composed as follows: the Director of the School of Commerce, two Professors of McGill University, a member of the Society of Chartered Accountants of the Province of Quebec, a member of the Institute of Accountants and Auditors of the Province of Quebec, and a member of the Corporation of Public Accountants of the Province of Quebec; or before a board of five examiners should one of the Associations mentioned fail to nominate its delegate, or of four examiners should two do so, or of three, if all.

McGill University has entered into an agreement with the Society of Chartered Accountants of the Province of Quebec, with the Institute of Accountants and Auditors of the Province of Quebec, and with the Corporation of Public Accountants of the Province of Quebec, whereby the candidates of these Associations (non-graduates) take the final examinations conjointly with the University candidates. The papers set are the same for both classes of candidates, but the University retains its own Board of Examiners according to the provisions laid down in Bill No. 21.

The Society of Chartered Accountants of the Province of Quebec has agreed to accept apprenticeship in a Chartered Accountant's Office anywhere in Canada.

Graduates must exert themselves to find an Accountant's Office willing to accept them during their period of apprenticeship. The University has no obligation in the matter.

ACCOUNTANCY DIPLOMA COURSE

Details of the Accountancy Diploma Course for students of the Accountancy Associations of the Province of Quebec will be found on pages 239 to 257.

FINAL ACCOUNTING AND AUDITING

For details of the course and examination in Final Accounting and Auditing, see pages 251 and 254.

COURSES OF LECTURES

THE THEORY AND PRACTICE OF ACCOUNTS

The accountancy work has been carefully graduated and correlated and is intended not merely to fulfil its part in a general scientific business training, but also to prepare and assist those who purpose taking up accountancy as a profession.

No previous knowledge of bookkeeping is assumed or required; the subject is developed rapidly along the lines that prevail in practice.

FIRST YEAR

The principle of debit and credit; books of original record; documents employed; sales, purchases, consignments; returns inwards and returns outwards; subsidiary ledgers, and controlling accounts to represent them in the general ledger; special forms of cash-book required to facilitate such control; notes and drafts, discounting and renewal of notes; single entry; revenue and capital expenditure; trading, and profit and loss statements and balance sheet; single proprietorships.

The student is required to sift and classify his detail, write up all the books of record and account, and focus results of the various transactions into the final statements.

Mon., Wed., Fri., at 12.....Professor Thompson.

SECOND YEAR

Special problems that occur in connection with partnerships: The deed of partnership; rights of partners; effects of dissolution; methods of distributing profits; the bringing in of other partners; goodwill; transformation of a firm into a corporation; departmental accounts; organization and internal check; distribution of expenses over departments; comparison of results shown with those of other periods; chain-stores; manufacturing accounts; the elements of cost accounting; building up C.I.F. and other quotations; the voucher-register, depreciation and methods of providing for it; reserves; elementary company finance.

Mon., Wed., Fri., at 9.....Mr. Patton.

THIRD YEAR

(*a*) Theory of the Balance Sheet: Its form and elements; capital and revenue receipts and expenditures; valuation of fixed and current assets and liabilities; wasting assets; capital and revenue profits and losses; comparative balance sheets and statements and deductions to be drawn from them; surplus statements.

(*b*) Corporation Finance: Interior organization of the corporation; stock and bond issues; initial operations; earnings and their disposition; secret reserves; betterments; surplus; control exercised by directors and majority stock-holders; its abuse; different bases of capitalization; bonus stock; treasury stock; watered stock; discount and premium on bond issues; sinking funds.

(*c*) Cost Accounting: General considerations; advantages of cost systems; different methods of distributing overhead expense; comparison of costing estimates with general books; total cost and selling-price.

(*d*) Auditing: Elementary considerations; audit-programme for simple trading concern.

(*e*) Budgeting, and budgetary control.

Tues., Thurs., Sat., at 10.....Professor Thompson.

FOURTH YEAR

(Intended especially for students proceeding to a Diploma in Accountancy, although this course may be taken by all students who have reached the required standard.)

Cost Accounting: Control of stores, the running inventory; remuneration of labour; leakage in factories; forms used in "job and process" costing systems; connection of cost records with general accounts.

Export Houses and Branches: Accounts of head office and of branches; goods invoiced at cost, intermediate, and selling price; chain-stores; foreign exchange.

Consolidations, Amalgamations, Mergers: Consolidated statements and balance-sheets; holding corporations; control of stock and bond issues; minority holdings; advances to subsidiaries; intra-combine profits and liabilities; initial surplus and goodwill.

Insolvency Accounts: Statement of affairs; deficiency statement; realization and liquidation account.

Auditing: Considerations applicable to all undertakings, and special considerations applicable to particular concerns; auditors' rights and duties; audit-certificates.

Trustees' Accounts: Executorships and administratorships; accrued claims and income, corpus and income; division of an estate.

Income Tax: General considerations; taxable and untaxable income.

Instalment Sales.

Mon., Wed., Fri., at 11.....Professor Thompson.

Text-Books:—120 Graduated Exercises in Book-keeping, etc., and Key, Thompson, Pitman, Toronto (First and Second Years). Elements of Accounting, Ferguson & Crocombe, Pitman, Toronto, (First and Second Years.) Limited Companies and their Accounts, Ferguson & Crocombe, Commercial Text Book Co., Toronto (Third and Fourth Years), Principles of Accounting, Finney Prentice-Hall, New York, Vol. 1 (Third Year). Vol. 2 (Fourth Year). Cost Accounting, Lawrence, Prentice-Hall, New York (Third and Fourth Years).

BUSINESS ORGANIZATION AND SCIENTIFIC MANAGEMENT

Commercial Organization: Origin, growth and classification of business organization; tests of efficiency in business organizations. Social and economic and legal aspects in the following types of organization: single proprietorship; partnership; joint stock company, public and private corporations; rights, duties, and liabilities of directors, officers, shareholders, and debenture-holders; agreements, pools, kartells, simple business trusts; combination trusts; securities-holding organization; amalgamation, and mergers; launching of an industrial enterprise; planning of a factory; purchase and control of raw materals; labour and its control; wage systems, welfare work; reorganization of a factory; committee system; location of industries; principles and types of management; departmental relations; standardization and equipment; standardized operations; adequate records; efficiency rewards.

Tues., Thurs., Sat., at 11.....Professor Thompson.

Text-books:—Business Organization and Administration, McKague, Pitman, Toronto.

CHEMISTRY

The courses open to Commerce students are, as already indicated, Chemistry 1A or Chemistry 1B, without laboratory, or Chemistry 16 without laboratory. These courses include a study of the more important elements and compounds, general laws and principles and fundamental theories; with as many industrial applications as time will allow.

COMMERCIAL LAW

THIRD YEAR

(1) Law of Contracts (16 lectures).

(2) Agency, Partnership and Company Formation (16 lectures).

(3) Negotiable Instruments and Banking Law (16 lectures).

Tues., Thurs., 5.30 to 7 p.m....Messrs. A. I. Smith and W. C. Nicholson.

FOURTH YEAR

(1) Company Law (14 lectures).

(2) Sale of Goods (14 lectures).

(3) Trustee and Executors (8 lectures).

(4) Bankruptcy and Winding-up Acts (8 lectures).

Tues., Thurs., 5.30 to 7 p.m.....Messrs. J. A. Mathewson, W. C. Nicholson, K. A. Wilson and L. Rodier.

Further details of these courses in Commercial Law will be found on pages 250 and 252).

ECONOMICS AND POLITICAL SCIENCE

SECOND YEAR

21. Elements of Political Economy.

Tues., Thurs., Sat., at 10 ..... Professor Culliton.

THIRD YEAR

22. Economic Distribution.

Rents, wages, interest, profits, population, socialism and social reforms.

Mon., Wed., Fri., at 11.....Professor Day.

23. Government of Canada.

Federal, provincial and municipal government and systems of taxation.

Second term, Mon., Wed., Fri. at 3 .....Mr. Forsey.

Qualified Commerce students may, with the consent of the Department, take the corresponding Arts and Science Course No. 7.

24. International Trade and Trade Policy.

First term, Mon., Wed., Fri. at 10 .....Professor Day.

Qualified Commerce students may, with the consent of the Department, take the corresponding Arts and Science Course No. 10.

FOURTH YEAR

25. Economic Theory of Exchange.

Value, price, money, credit, and banking.
Tues., Thurs., Sat., at 10.....Professor Day.

26. Canada—Economic Problems.

Mon., Wed., Fri., at 10.....Mr. Forsey.

ENGLISH

The courses in English give a general training in Composition and require a broad study of English Literature with a large amount of reading.

FIRST YEAR

English 1, English Composition one hour a week. Weekly individual conferences with the instructor are required.

English 2, English Literature, as prescribed for students in the Faculty of Arts and Science—a general course. Readings and fortnightly individual conferences. Two hours a week. Professor Macmillan and an assistant.

SECOND YEAR

English Literature: Choice of Second Year Arts and Science courses.

THIRD OR FOURTH YEAR

A choice of any General Arts and Science courses in English in these years.

FRENCH

Commerce students studying French take the regular Arts and Science courses in this language. For details of the courses available and the times of lectures see page 193.

GERMAN

The Arts and Science courses in German are available to Commerce students.

Provision is also made for instruction in commercial correspondence.

MARINE INSURANCE AND TRANSPORTATION

The documents involved in overseas commerce, the essential features of bills of lading and charter parties, and existing legislation affecting the rights and obligations of carriers and shippers; the origin and development of General Average and Maritime Salvage, and the existing law and practice; the Marine Insurance Act 1906, the existing procedure with regard to the insurance of vessels, cargo and freight, the analysis of current policy forms, and the adjustment of claims.

Wed., at 12.....Mr. F. S. Symons

MATHEMATICS

1. Mathematics (For First Year students).

Geometry and Trigonometry. Three hours, first term.

Algebra. Three hours, second term.

Mon., Wed., Fri., at 11.....Professor Tate.

Text-books:—W. G. Borchardt, A Second Course in Algebra (Rivingtons). Hall and Knight, Plane Trigonometry (Revised Canadian Edition); Hall and Stevens, School Geometry, Parts I to VI.

42. Mathematics (For Third and Fourth Year students).

Theory of Interest and Elementary Statistics.

Tues., Thurs., Sat., at 12 .....Professor Tate.

43. Mathematics (For Second Year students).

Elements of Coordinate Geometry and Calculus with applications.

Mon., Wed., Fri., at 12 .....Professor Tate.

The following Arts and Science courses in Mathematics are also open to qualified students in the School of Commerce during the Second, Third and Fourth Years:—

2. Elementary Analysis.

Mon., Wed., Fri., at 10 .....Dr. Ross.

3. Calculus.

Three hours during the session, Mon., Wed., Fri., at 10.
Professor Sullivan.

4. Algebra and Analytical Geometry.

Three hours during the session, Tues., Thurs., Sat., at 12.
Dr. Ross.

8. Finite Differences and Theory of Equations.
Three hours during session, Tues., Thurs., Sat., at 11..Professor Tate.
Text-books:—H. Freeman, Actuarial Mathematics; Burnside and Panton, Theory of Equations.

(*a*) Courses 3, 4 and 8 are mainly intended for students who wish to enter the Actuarial profession.

(*b*) Courses 2 or 4, 42 and 43 are prerequisite for 8. High standing in these is required before proceeding to Course 8.

PHYSICS

1. General Course. (With Arts and Science).

Mon., Wed. and Fri. at 2, (or at 3 by permission); laboratory, Tues., 2-4, or Wed. 4-6, or Thurs. 2-4.....Professor Keys and Demonstrators.

Text-books:—College Physics, Mendenhall, Eve and Keys (Heath and Co.); An Elementary College Course in Experimental Physics (Renouf Publishing Co.).

1B. Outline of Physical Science. (With Arts)
Mon., Wed., Fri. at 12; (laboratory, 10 periods only, Wed. 4-6 or by arrangement) .....Dr. Douglas.
Reference books:—Mendenhall, Eve and Keys, College Physics (Heath); Russell, Dugan and Stewart, Astronomy and Astrophysics, Vols. I, II (Ginn).

First Year students choosing Physics will in general take course 1, but courses 1 and 1B are also available for students in any year, who are free to attend at the assigned hours.

PSYCHOLOGY

1. Introduction to Psychology. Second Year.
Mon., Wed., at 10 and one weekly laboratory period to be arranged. This course is a prerequisite for all other courses.

Professor Tait.

10. Psychology of Aptitudes (half course). Third and Fourth Years.

Methods of measuring and evaluating human qualities. Lectures, readings and reports.

First term: Mon., Wed., Fri., at 12.....Dr. Morton.

11. Industrial Psychology (half course). Third and Fourth Years.
Applications of psychological method to human problems in business and industry. Lectures, readings, and reports.

Second term: Mon., Wed., Fri., at 12.....Dr. Morton.

SPANISH

FIRST YEAR

The work in the First Year consists of:—
Grammar, reading and dictation, oral exercises and composition.

Text-books:—

Coester; Spanish Grammar;
El mundo expañol, Vol. I (Heath & Co.);
Jiménez; "Platero y yo";
Cool's Spanish Composition.

Read in English,
History of Spain (up to year 1492) Chapman, (Macmillan).

Tues, Thurs., Sat., at 10 .....Professor Sugars.

Students are required to attend extra classes provided for practice in dictation, etc.

SECOND YEAR

The work, as before, consists of grammar, practice in reading and speaking, dictation and composition. At the same time the students are given a further introduction to Spanish literature.

Text-books:—

Spanish Anthology, Rubio and Néel, Prentice-Hall.
Antología de ensayos españoles, Alonso, (Heath & Co.).
Cervantes, Selections from El Quijote, Ford, (Heath & Co).
Nociones de Literatura Castellana.
Graded Spanish review grammar and composition. (Crofts).

Read in English,
History of Latin America, Webster (Heath & Co.).
History of Spain, Chapman, (Macmillan).

Tues., Thurs. and Sat. at 11 a.m.....Professor Sugars.

THIRD AND FOURTH YEARS

Alternate Courses.

Third and Fourth Years together.

(a) Given in 1938-39.

Literature of the XIX Century.
Novelistas españoles modernos (Balseiro: Macmillan).
Omnibus of modern Spanish prose. (Doubleday, Doran).
Larra, Artículos de (Macmillan).

Mesonero Romanos, 5 escenas matritenses (Longman).

Rogerio Sánchez, "Antología de la literatura española", (Heath & Co.).

Costello y Montgomery, "Advanced Spanish Composition" (Johnson Publishing Co.).

Romera-Navarro, "Historia de la literatura española", (Heath & Co.).

Romera-Navarro, "Manual del Comercio". (Henry Holt & Co.).

For reading, two from following:—

Pereda: Pedro Sánchez, (Ginn & Co.).

Valera: Juanita la larga (The Century Co.).

Blasco Ibáñez, La barraca (Heath & Co.).

Valdés, José (Heath & Co.).

Galdós, Doña Perfecta (Ginn & Co.).

Alarcón, El sombrero de tres picos, (Holt & Co.).

Fernán Caballero, La gaviota, (Heath & Co.).

Larra, Macías, (Macmillan).

(b) Given in 1939-40.

Study of the literature of the XVIIIth century.

Text-books required:—

Moratín, "El sí de las niñas", and "La comedia nueva". (The Century Co., New York and London).

Jovellanos, "El delincuente honrado", (The Century Co.).

Cadalso, "Noches Lúgubres" (Liverpool, The Bulletin of Spanish Studies).

Rogerio Sánchez, "Antología de la literatura española", (Heath & Co.).

Costello y Montgomery, "Advanced Spanish Composition", (Johnson Publishing Co.).

Romera-Navarro, "Historia de la literatura española", (Heath & Co.).

Romera-Navarro, "Manual del Comercio". (Henry Holt & Co.).

Ramón de la Cruz, 5 sainetes (Ginn & Co).

Mon., Wed., Fri., at 9 .....Professor Sugars.

SCHOOL OF COMMERCE

LECTURE TIME-TABLE, 1938-39

Including the Accountancy Diploma Course lectures for students of the Accountancy Associations of the Province of Quebec.

Hour	Year	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9–10	1	French	Botany, 1	French	Botany, 1 Spanish 1	French	
	2	Accountancy	French, 2A	Accountancy	French, 2A	Accountancy	French, 2A
	3 4	Spanish		Spanish		Spanish	
10–11	1		Spanish		Spanish		Spanish
	2	Psychology, 1 Mathematics, 2, 3	Economics, 21	Psychology, 1 Mathematics, 2, 3	Economics, 21	Psychology, 1 Mathematics, 2, 3	Economics, 21
	3	French, 4A & B		French, 4A & B		French 4A & B	Accountancy
	4	Economics, 24 Economics, 26 French, 6	Accountancy Economics, 25	Economics, 24 Economics, 26 French, 6	Accountancy Economics, 25	Economics, 24 Economics, 26 French, 6	Economics, 25
11–12	1	Zoology Mathematics	History, 1A	Mathematics	History, 1A	Zoology Mathematics	History, 1A
	2		French, 2B Spanish		French, 2B Spanish		French, 2B Spanish
	3	Economics, 22	Business Orgn.	Economics, 22	Business Orgn.	Economics, 22	Business Orgn.
	4	Accountancy	Mathematics 8	Accountancy	Mathematics 8	Accountancy	Mathematics 8
12–1	1	Accountancy	English, 2	Accountancy	English, 2	Accountancy	
	2	Mathematics, 43		Mathematics, 43		Mathematics, 43	
	3	French, 5	Mathematics, 4, 42	French, 5 Marine Insurance	Mathematics, 4, 42	French 5	Mathematics, 4, 42
	4	Psychology, 10, 11 Physics, 1B	Mathematics, 42	Psychology, 10, 11 Physics, 1B	Mathematics, 42	Psychology, 10, 11 Physics, 1B	Mathematics, 42
2–3	1 2	Chemistry, 1B Physics, 1 Botany Lab.		Chemistry, 1B Zoology Lab. (2 to 5 p.m.)		Chemistry, 1B Physics, 1	
3–4	1 2	Botany Lab.	Spanish, 1	Spanish, 1	Spanish, 1		
	3	Economics, 23		Economics, 23		Economics, 23	
4–5	1 2 3	Botany Lab.		Physics Lab. (4 to 6 p.m.)			
5.30–8.00		Accountancy (Final) (6 to 7.30 p.m.) Elements of Accounting (6 to 8 p.m.) Advanced Cost Accounting (6.30 to 7.30 p.m.) Industrial Management (7.30 to 8.30 p.m.)	3 and 4 years Commercial Law (Inter and Final) (5.30 to 7 p.m.)	Accountancy (Inter.) (6 to 8 p.m.) Mathematics (Final) (6 to 8 p.m.) Applied Theory of Accounting (6 to 8 p.m.)	3 and 4 Years Commercial Law (Inter. and Final) (5.30 to 7 p.m.) Accountancy (Final) (6 to 7.30 p.m.)	Mathematics (Inter.) (6 to 8 p.m.) Economics (Final) (6 to 7 p.m.) Business Finance (7 to 8 p.m.)	

ACCOUNTANCY DIPLOMA COURSE

For students of the Accountancy Associations of the Province of Quebec.
For fees see page 257.

These courses given in the evenings are primarily intended for students of the Accountancy Associations of the Province of Quebec but are also open to any others who wish to take them.

Students register and pay the required fee at the first or second lecture of the course they are taking.

For details concerning the Accountancy Associations students should consult:—

Mr. Robert Wilson, C.A., Secretary, The Society of Chartered Accountants of the Province of Quebec, Room 430, Canada Cement Building.

Mr. A. J. M. Petrie, C.P.A., Secretary, Corporation of Public Accountants of the Province of Quebec, 360 St. James St. West.

Mr. H. J. Ross, L.I.A., Secretary, Institute of Accountants and Auditors, 771 Burnside Street.

INTERMEDIATE ACCOUNTING AND AUDITING

Twenty-eight lectures, of two hours each, twenty-six being given on Wednesdays, from 6 to 8 p.m., commencing October 5th, 1938, and two on days specially arranged towards the close of the session.

The first eight lectures cover the most important points in the First Year's Accountancy of the regular Commerce course. The remaining twenty do the same for the Second Year's Accountancy, and in addition cover the share capital of an incorporated company, its issue and records: bonds issued at a discount and a premium; valuation of current and fixed assets; capital and revenue profits and losses; cash and stock dividends; critical analysis of operating statements and balance sheets and reports thereon; elementary auditing.

Students who have passed the examination in Elements of Accounting, First Year Accountancy, or Senior Matriculation Accountancy, must register at the beginning of the session in October and should attend all lectures from the commencement. The fee for such students is $20. (see pages 255 and 257).

Lecturer.....Professor R. R. Thompson.

INTERMEDIATE MATHEMATICS

Twenty lectures of 2 hours each, given on Fridays, from 6 to 8 p.m., commencing September 30th, 1938.

Arithmetic and geometric progressions; indices; logarithms; permutations and combinations; binomial theorem; theory of quadratic equations; approximations; graphs; simple and compound interest; annuities and sinking funds.

Text-books:—Borchardt, W. G., a second course in Algebra (Rivington's, London). H. Tate, Elements of the Mathematical Theory of Interest (Chaps. I, III).

Lecturer ..... Professor Herbert Tate.

INTERMEDIATE COMMERCIAL LAW

Forty-eight lectures, of 1½ hours each, given on Tuesdays and Thursdays, from 5.30 to 7 p.m., commencing September 29th, 1938. Of these lectures, 16 are devoted to the Law of Contracts, 16 to Negotiable Instruments, and 16 to Agency and Partnerships.

The matter covered may be outlined as follows:—

Law of Contracts

Sphere of Dominion and Provincial laws; persons (minors, interdicts, married women); distribution of property; essentials of contract (consent, capacity, object, consideration); interpretation; effects; breach.

Negotiable Instruments and Banking

Characteristics of negotiability; Bills of Exchange Act; form, acceptance, delivery; capacity and authority of parties; consideration; negotiation; endorsements; presentment; dishonour; protest; liabilities of parties; discharge; lost instruments; forgeries or unauthorized signatures; alterations; bills in a set; cheques; promissory notes.

Bank Act.—Organization of a bank; rights and duties of directors and shareholders; auditors; powers of a bank with respect to loans; security; deposits and note issue.

Agency and Partnerships

General provisions covering mandate; obligation of mandatory towards mandator, and towards third parties; obligations of the mandator towards the mandatory and towards third persons; résumé of law covering advocates, attorneys, notaries, brokers, factors, etc.; termination of mandate.

General provisions relating to partnership; obligations and rights of partners amongst themselves and towards third parties; different kinds of partnership, particular partnerships, general partnerships, anonymous partnerships, and limited partnerships; dissolution of a partnership, and the effects of such dissolution.

Lecturers.....Mr. A. I. Smith and Mr. W. C. Nicholson.

FINAL ACCOUNTING AND AUDITING

For Examinations in Final Accounting and Auditing, see page 254.

This course consists of (*a*) general series comprising 32 lectures of 1½ hours each, and (*b*) a special series comprising 16 lectures of 1½ hours each. Mondays and Thursdays, from 6 to 7.30 p.m., beginning September 29th, 1938.

General Series

This portion covers the following subject matter:—

Capital, its issue and recording in the books of a company; bonds and bond discounts and premiums; current and fixed assets and liabilities; capital and revenue profits and losses; criticism of operating statements and balance sheets for successive periods; cost accounting; partnership; instalment sales; branch accounts; holding companies and subsidiaries; reorganizations; mergers and amalgamations; executorship and trustee accounts; bankruptcy; auditing generally.

Lecturers: Professor R. R. Thompson and Mr. P. F. Seymour.

Special Series

This series includes special consideration of the following subjects:—

Income tax; insurance and banking; working papers; investigations; brokers' accounts, etc.

Lecturers: Messrs. A. Ballantyne, T. V. Burke, C. F. Elderkin, T. P. Jones, L. A. Tucker, P. F. Seymour.

FINAL MATHEMATICS

Elements of Actuarial Science

Twenty lectures, of 2 hours each, on Wednesdays, from 6 to 8 p.m., beginning October 5th, 1938.

The course embraces:—

The amortization schedule; straight-term, serial and annuity bonds; depreciation; building and loan associations. Elementary Insurance. Elementary Statistics.

Lecturer .....Professor Herbert Tate.

Text-books:—H. Tate, Elements of the Mathematical Theory of Interest (chapters I-VIII); J. B. Maclean Life Insurance; S. Huebner, Life Insurance; Rhodes, Elementary Statistics (Routledge, London).

FINAL COMMERCIAL LAW

Forty-four lectures, of 1½ hours each, given on Tuesdays and Thursdays, from 5.30 to 7 p.m., beginning September 29th, 1938. Of these lectures, 14 are devoted to the Sale of Goods; 14 to Company Law; 8 to Trustees and Executors, and 8 to Bankruptcy and Winding-up.

Sale of Goods: General provisions regarding sales; capacity to buy and sell; things which may be sold; obligations of the seller; delivery; warranty against eviction and latent defects; obligations of the buyer; dissolution and annulment of contract of sale; right of redemption; annulment on account of lesion; sales by licitation; sales by auction; bulk sales; forced sales and giving in payment.

Company Law: The Companies' Act (Dominion) and its amendments; the Quebec Companies' Act, 1920, and its amendments. (In these Acts, Part 1 is principally dealt with. The statutory provisions are explained and illustrated by citation and discussion of jurisprudence.)

Trustees and Executors: Provisions of the Civil Code dealing with persons administering funds belonging to others; status of married women; law applying to tutors and curators; law relating to succession.

Bankruptcy and Winding-up: Provisions of the Bankruptcy Act; the Dominion Winding-up Act; law of the Province of Quebec relating to the voluntary winding-up of companies. (The statutory provisions are explained and illustrated by citation and discussion of jurisprudence.)

Lecturers: Messrs. J. A. Mathewson, W. C. Nicholson, K. A. Wilson and L. Rodier.

ECONOMICS

Course of 20 lectures, of 1 hour each, on Elementary Economics. On Fridays, from 6 to 7 p.m., beginning September 30th, 1938.

Lecturer ..... Professor J. P. Day.

Text-book:—Clay, Economics for the General Reader (Macmillan).

N.B.—Hours and date of lectures are always subject to change for sufficient cause.

EXAMINATIONS

Examinations are held at the end of each of these courses.

Pass Marks

In Economics and Mathematics the pass-mark is 60%.

In Intermediate Accounting and Auditing the pass mark is 55% in each paper with an average of 60% in all the papers of the course.

A student who obtains less than 40% in any of the above examinations must repeat both the course and all the examinations of the course.

A student who fails but obtains 40% or more is required only to repeat all the examinations of the course. (For fees for re-examination see page 257.)

In Intermediate and Final Commercial Law the pass mark is 50% in each paper with an average of 55% in the course as a whole. Any student who fails in any paper in Commercial Law must repeat both the course and all the examinations of the course, but any student who passes in each paper but fails to obtain the 55% average is required only to repeat the examinations of the course.

Advancement

Candidates may proceed from the Intermediate to the Final stage, if conditioned in not more than one subject, which must not be Accounting and Auditing. For the purposes of this regulation, Commercial Law constitutes one subject and Mathematics one subject. No student can, however, sit for the Final Examination in Accounting and Auditing who has not passed all his Intermediate examinations and Final examinations in Commercial Law, Mathematics, and Economics.

Applications

Students wishing to re-write any of these examinations must apply in writing, before March 20th, to Professor R. M. Sugars. Applications must be accompanied by the required fee (see page 257). Candidates must also state when the lectures in connection with each examination were taken.

Students who reside outside of Montreal and district and are therefore not qualified by attendance at the course may write the examinations on payment of the required fee (see page 257). Applications must reach Professor R. M. Sugars before March 20th.

Outside Examination Centres

Outside examination centres may be established in special circumstances. Applications should be made to Professor R. M. Sugars before March 20th. Candidates will be required to pay all invigilation and other expenses, in addition to the regular examination fee.

FINAL EXAMINATION IN ACCOUNTING AND AUDITING

The Final Examination in Accounting and Auditing is held in May each year, before a joint board of examiners, consisting of the six mentioned on page 237 and of two members named by each of the three Accountancy Associations of the Province.

A student can sit for this examination only if he has passed all the Intermediate examinations and the Final examinations in Commercial Law, Mathematics and Economics. It can be written only by members of the Accountancy Associations and students are advised to acquaint themselves with the rules and by-laws of their Association. The names and addresses of the secretaries of the various associations are given on page 249.

Applications and Fees

Application to write the examination must be made in writing before April 25th. McGill graduates apply to Professor R. M. Sugars; students of the Accountancy Associations to the Secretary of the Association to which they belong. Applications must be accompanied by the special examination fee of $25. In the case of McGill graduates this fee is paid to the University, and in the case of non-graduates to the Association with which the applicant is connected. Applications must also be accompanied by a certificate of one year's apprenticeship in the firm of a member of one of the associations.

Pass Marks

In order to pass a student must obtain 60% or more of the marks assigned, with not less than 55% in either of the subjects. A student who fails may, on repayment of the examination fee, present himself again for the examination in the following May. If he has obtained less than 40% he must also repeat the course in Final Accounting and Auditing.

Previous Examination Papers

Previous examination papers may be obtained from the Bursar's Office, McGill University, for 25 cents a set.

Outside Centres

Candidates writing the Final Examination in Accounting and Auditing in outside centres (see page 253) will be required to pay a fee of $50. This includes the $25 examination fee, and covers invigilation and other expenses.

SUPPLEMENTARY COURSES

The following courses are not required by the Accounting Associations but are offered by the University to supplement the required courses. An examination is held at the end of each course, except in the case of Applied Theory of Accounting.

ELEMENTS OF ACCOUNTING

Twenty-five lectures of two hours each, given on Mondays, from 6 to 8 p.m., commencing October 3rd, 1938.

The work covers matter outlined for the first year of the regular Commerce course, and is intended for less experienced students. Those who pass in this course may join the Intermediate course of the succeeding session but pay a fee of $20 (see pages 249 and 257).

Lecturer ..... Professor R. R. Thompson.

BUSINESS FINANCE AND ACCOUNTING

Twenty-five lectures of one hour each, given on Fridays, from 7 to 8 p.m., commencing October 14th, 1938.

This course comes between the Intermediate and Final Accounting and Auditing, and is valuable to students who wish to keep in touch with Accounting problems. It covers the formation, organization, finance and accounting of incorporated companies, different classes of share capital and their issue, bonds at discount and premium, valuation of assets, capital and revenue profits and losses, contracts, criticism of operating accounts and balance sheets, branches, cost accounts.

Lecturer ..... Mr. D. R. Patton.

APPLIED THEORY OF ACCOUNTING AND AUDITING

Twenty lectures of two hours each, given on Wednesdays, from 6 to 8 p.m., commencing October 12th, 1938.

This course runs parallel to the Final Accounting and Auditing course, covering the same ground, and supplementing it with numerous problems and examples.

Lecturer.....Mr. P. F. Seymour.

ADVANCED COST ACCOUNTING

Thirty lectures of one hour each, given on Mondays, from 6.30 to 7.30 p.m., commencing October 3rd, 1938.

This course is designed for those having an elementary knowledge of Cost Accounting principles and procedure. It considers estimating cost systems, budgetary control, Standard Costs, Interest on Investment, Uniform Cost Methods, Building up a Cost Sheet, Debatable Methods of Procedure, Defective and Spoiled Work, By-Products, Idle and Non-Productive Time, Weighted Averages, Relative Values, Statistical and Graphical Cost Reports, Statements.

It is supplemented with numerous problems and practical work.

Lecturer .....Mr. D. R. Patton.

INDUSTRIAL MANAGEMENT

Thirty lectures of one hour each, given on Mondays, from 7.30 to 8.30 p.m., commencing on October 3rd, 1938.

This course covers legal and internal forms of organization; location, construction and layout of plant; executive functions; production control methods; wage and bonus systems; personnel management; purchase and control of materials; sale and shipment of finished goods.

Lecturer .....Mr. G. I. MacKenzie.

FEES IN THE ACCOUNTANCY DIPLOMA COURSE

Fees in the special Accountancy Diploma Course for students of the Accountancy Associations of the Province of Quebec:—

Accounting and Auditing (Intermediate)	$30.00
" " " Students who have passed the examination in Elements of Accounting, First Year Accounting, or Senior Matriculation Accountancy	20.00
" " " (Final)	35.00
Commercial Law (Intermediate)	30.00
" " (Final)	30.00
Mathematics (Intermediate)	20.00
" (Final)	20.00
Economics (Final)	15.00
Final Accounting and Auditing Examination Fee	25.00

(See page 254)

Supplementary Courses

Elements of Accounting	$25.00
Business Finance and Accounting	15.00
Applied Theory of Accounting and Auditing	25.00
Advanced Cost Accounting	20.00
Industrial Management	20.00

Examinations

Students who reside outside of Montreal and district, and who wish to take the examinations, but who are not qualified by attendance at the course, pay an examination fee, equivalent to half the regular fee for the course, viz:—

Accounting and Auditing (Intermediate)	$15.00
Commercial Law (Intermediate)	15.00
" " (Final)	15.00
Mathematics (Intermediate)	10.00
" (Final)	10.00
Economics (Final)	7.50

Fees For Re-examination

Accounting and Auditing (Intermediate) Elements of Accounting	$5.00
" " " Partnership and manufacturing Accounts	5.00
" " " Auditing	5.00
Commercial Law (Intermediate)	15.00
Commercial Law (Final)	15.00
Mathematics (Intermediate)	5.00
Mathematics (Final)	5.00
Economics (Final)	5.00

Evaluation and Registration of Certificates

Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation Certificate	$2.00

FACULTY OF ENGINEERING

ENTRANCE REQUIREMENTS

ARCHITECTURE

For admission to the School of Architecture, candidates must pass the Junior Matriculation Examination in the following subjects:—

Group	No. of Papers	
1.	2	**English.**
2.	1	**History.**
3.	2	One of the following:— **French, German, Spanish, Latin, Greek.**
4.	2	**Elementary Mathematics.**
5.	2	**Intermediate Mathematics.**
6.	1	One of the following:— **Botany, Chemistry, Physics, a Language not already chosen.**
	—	
Total	10	papers.

To pass, a candidate must obtain an average of 60% in the ten papers and not less than 40% in any one paper, and must show distinct mathematical ability. Details of the syllabi are given on pages 101 to 107.

Candidates must also satisfy the Head of the Department as to their proficiency in Freehand and Geometrical Drawing. To this end they may send in specimens of their work before September 20th, or they may take an examination at the time of the regular matriculation examination in that month.

ENGINEERING

Candidates for admission to the Faculty of Engineering for courses in the different branches of Engineering must either complete the first *B.Sc. year of the Faculty of Arts and Science or pass in the Senior Matriculation in the following subjects:—

(a) *Compulsory*:—
English, Mathematics, Physics, Chemistry.

(b) *Electives*:—
Any one of the following:—**History, Biology, French, †German, Greek, Latin, Spanish.**

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*Students entering Engineering by means of First Year B.Sc. are recommended to take Intermediate Mathematics in their Junior Matriculation.

†Students intending to enter the course in Chemical Engineering are advised to take this subject.

The pass-mark in each Senior Matriculation paper is 50%. The examinations are held in June and September. Full details are given on pages 98 and 99.

APPLICATION FOR ADMISSION

Students desiring to enter the Faculty of Engineering must make their applications on forms which may be obtained from the Registrar's Office. Completed forms must reach the Registrar before September 15th.

CERTIFICATES RECOGNIZED

See page 99.

HEALTH SERVICE

See page 148.

REGISTRATION, ATTENDANCE, DISCIPLINE, FEES, LODGINGS AND ESTIMATED EXPENSES.

REGISTRATION

Students entering the Faculty of Engineering for the first time must register at the Registrar's Office from September 22nd to 28th inclusive.

Other students register in the Macdonald Engineering Building on Wednesday, September 28th, but those who have no prerequisite conditions may register from September 22nd to 28th inclusive, at the Registrar's Office. Students registering after September 28th, but not later than October 5th, are required to pay a late registration fee of $5, which fee is increased to $10 for students registering after October 5th. This fee is not refunded except by authorization of the Faculty. After October 15th, no student is admitted except by special permission of the Faculty.

ATTENDANCE

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one subject.* The Faculty of Engineering has the authority of Senate to modify this regulation except as regards students of the First Year, but only in so far as attendance at lectures is concerned. The Faculty regulations governing attendance are bulletined at the opening of each session. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course in which attendance is compulsory are not permitted to sit for the regular examination in that course, and those whose unexcused absences in such courses have exceeded one-fourth of the total number of lectures must repeat the work in that course.

Excuses on the ground of illness or domestic affliction are dealt with by the Dean only.

An excuse for absence due to illness is granted only when the application is accompanied by a certificate from the attending physician. Applications for all excuses must be filed with the Dean within three days after the period for which the excuse is requested.

Excuses granted must be shown to all professors concerned as promptly as possible.

2. An attendance record is kept by each instructor, which is submitted to the Faculty when required.

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*Physical Education is included under this regulation.

3. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. In the case last mentioned the student may, at the discretion of the Professor, be required to leave the room. Persistence in any of the above offences against discipline after admonition by the Professor, is reported to the Dean. The Dean may, at his discretion, reprimand the student, or refer the matter to the Faculty at its next meeting, and may in the interval suspend the student from classes.

4. Lectures commence at five minutes after the hour. After the commencement of a lecture students are not allowed to enter, except with the permission of the Professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of these exercises are marked absent.

DISCIPLINE

The University Regulations concerning discipline are administered by the several Faculties, subject, when necessary, to revision or confirmation by Senate.

FEES

Tuition Fees

1. Annual undergraduate fee $260.00
   By instalments: Each of two instalments 132.50

2. Undergraduates taking only a portion of the regular course of any year or years, pay $10 per hour of instruction per week. The rate applies to lectures, laboratory and drafting-room work. Students required to repeat the work of any year are charged the regular annual undergraduate fee.

3. Graduates of the Faculty taking an additional undergraduate course and not proceeding to another degree pay one-half the regular undergraduate fee.

4. *Partial Students.*
Per hour of instruction per week for a full course $10.00

5. *Summer Schools.* Students attending the Summer Schools in May or September pay $35 each before entering these schools; $25 of this amount is credited to the student's account for the following session, and the balance of $10 is caution money which will be returned at the close of the School.

Other University Fees

Late registration, after September 28th	$ 5.00
Late registration, after October 5th	10.00
Late payment fee	2.00
Fine for late medical examination (see page 148)	$5.00 or $10.00
Supplemental Examinations, each paper	10.00
Receipts for supplementals must be shown to the Dean's Office before the examination.	
Duplicate Graduation Diploma	10.00
Conferring degree *in absentia*	10.00
Certified copy of student's record	1.00
Additional copies (at the same time)	.50

7. *Caution Money.* Every student is required to make a deposit of $10 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities

8. A sessional fee of $20 is payable by all undergraduates for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletics Board.

9. Partial students pay $3 for athletics and athletic grounds and $1 for the Undergraduate Society. If they desire such of the privileges of Section 8 as are open to them, an additional $8.50 is charged.

General Regulations

10. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. and 2.30 to 4 p.m. on the following dates:—

Thursday, September 22nd
to
Wednesday, September 28th

or if desired fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2. is charged for payment after the specified dates.

11. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 10.

12. Immediately after the prescribed dates for the payment of fees, the Bursar will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

13. All fees are payable in Canadian currency.

BOARD AND RESIDENCE

See page 160.

ESTIMATED EXPENSES

In all years except the last the session extends from October 1st to May 1st with, as a rule, two or three summer schools, each of from three to four weeks' duration.

Tuition Fees	$260
Fees for Athletics, Union, etc.	20
Board and Lodging (average)	300
Books and Instruments	40
	$620

An allowance should also be made for expenses incidental to summer schools.

IMMIGRATION

See page 149.

COLLEGES AFFILIATED WITH THE FACULTY OF ENGINEERING

The conditions on which students may enter from certain colleges and universities are stated below. Such students, and others seeking similar advanced standing, should make application to the Dean of the Faculty, preferably not later than the end of July. All such students are subject to the regulations of the Faculty regarding experience in practical work (see page 287). Due allowance is made for courses in shopwork forming part of the curricula in the colleges in which they have previously studied.

Acadia, Alberta, Mount Allison and St. Francis Xavier Universities are affiliated with McGill University to the extent that students who have completed the two-year courses in engineering given by these universities are admitted to the Third Year in any of the engineering courses in the Faculty of Engineering, except that in Chemical Engineering, for which special arrangements are at present necessary.

Students from these universities entering the Third Year must take the summer school suitable to their course in May, or the special school in September, which will open in 1938 on September 1st in Mechanical Engineering, and on September 12th in Civil and Mining Engineering.

Royal Military College.—Graduates of the Royal Military College of Canada, when specially recommended by the Director of Studies of that institution, are admitted to the Fourth Year in Civil Engineering and to the Third Year in other engineering departments of the Faculty, except in Chemical Engineering for which special arrangements are at present necessary. They must in all cases take the summer schools pertaining to these several courses, which are held in September, as stated in the preceding paragraph.

University of Cambridge.—Arrangements have been made whereby graduates and students of the Mechanical Science course in the University of Cambridge are admitted to advanced standing in the Faculty of Engineering under definite regulations, particulars of which can be obtained from the Dean of the Faculty.

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS, AND LOAN FUNDS

Details of Scholarships, Bursaries and Loan Funds are given on pages 108 to 147.

ADVANCED STANDING FOR GRADUATES IN ARTS AND SCIENCE

Graduates in Arts and Science desiring to proceed to the degree of B.Arch. or B.Eng., should apply to the Dean, Faculty of Engineering, for information regarding the regulations governing such procedure.

DEGREES, EXAMINATIONS AND SOCIETIES

DEGREES

Degrees conferred by the University upon such undergraduates of the Faculty as fulfil the conditions and pass the examinations hereinafter stated are:—"Bachelor of Architecture" (B.Arch.), and "Bachelor of Engineering" (B.Eng.), mention being made in the diplomas of the latter of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates in Engineering the following may be specially mentioned:—

(1) By a resolution of the Institution of Civil Engineers of Great Britain, the holders of the degree of B.Eng. who are desirous of becoming Associate Members of the Institution, may be exempted from Parts A and B of the examinations prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyors' certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practice in Quebec, upon graduation, provided they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's office, complete them and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects, and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who

obtain the degree of B.Arch. are exempted from the final examination for the associateship of the Royal Institute excepting in the subject of Professional Practice, in which they are required to take a paper set by the Institute's examiners. On passing this they are eligible for candidature as Associate R.I.B.A.

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership, and thereby to practice in the Province, on passing an examination in design after spending one year in the office of a member of the Association. This office experience may be gained during the summer vacations.

EXAMINATIONS

1. Final examinations are held in all lecture subjects. Class examinations, for which credit may be given in the sessional standing, are held at the option of the professor.

2. Students who have failed in one or more subjects of the curriculum, except in cases where they are called upon to repeat their year, are required to make good their standing by passing:—

(a) the regular supplemental examinations held immediately before the opening of the session, or
(b) the final examinations in a subsequent session, or
(c) special examinations, which are given only under exceptional circumstances and by authority of the Faculty.

3. **The pass standard in examinations in subjects in which the candidate has already failed twice is sixty per cent, and an unexcused absence from a sessional examination is regarded as a failure in this connection.**

4. Failures in drafting and laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first two months of the following session. No student is permitted to attend these schools unless he has made at least 30% in the subject of the school. These classes must be completed and the results reported to the Faculty on or before December 1st.

5. No undergraduate is allowed to take instruction in any subject until he has passed the examinations in the necessary prerequisite subjects.

6. **Classes.**

Class I	80–100%
Class II	65– 79%
Class III	50– 64%

ENGINEERING SOCIETIES

1. Upon entrance into the Faculty, all undergraduate students automatically become members of the Engineering Undergraduate Society.

2. The students also support the Society of the Phi Epsilon Alpha. The members of this society are selected from graduates and undergraduates in Engineering, and its object is to encourage high standards of character and scholarship.

3. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's building, 2050 Mansfield Street, and to attend the weekly meetings.

Students are invited to compete for the prizes which are offered by the Institute.

4. Students in Mining Engineering and in Metallurgical Engineering are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body, is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in Montreal. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free, and are entitled to attend meetings and to compete for prizes offered.

COURSES OF INSTRUCTION

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature, in the following branches:—

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering

A note concerning graduate courses follows the list of undergraduate courses in each department. Details are given on pages 425 to 464. A course is also offered in Engineering Physics, see page 319.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by the Faculty, and is in no case binding beyond the session covered by this calendar announcement.

The course for a degree in any branch of Engineering is one of four years, and for a degree in Architecture the course is a five-year one.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to the Faculty of having had six to nine months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. The conditions regarding practical work in the School of Architecture are set forth under the heading of Summer Work, Courses 35, 36, 37, 38, on page 297. Forms, obtainable from the Dean's Office, must be signed by the employer and returned on or before 5 p.m. Tuesday, October 11th, 1938. Modifications of these regulations may be made, applying only to students graduating in 1939, and otherwise qualified for degrees.

The work prescribed for the first two years is the same in all Engineering courses, except in Chemical Engineering, Metallurgical Engineering and Mining Engineering.

The first two years of the Engineering courses (II to VII) are devoted to mathematics, mechanics, physics, chemistry and drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend Summer Schools following the completion of the work of the session in the First, Second, and Third Years; for details, see page 287.

The regular work of the session 1938-39 will begin on September 29th, 1938, and end on May 25th, 1939.

I. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over five years.

FIRST YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Algebra	Arts I	3	3	..	..
Geometry and Trigonometry	Arts I				
Mechanics	194	2	2	..	..
Physical Education	..	..	..	..	..
Physics	Arts I	3	3	..	..
Physics Laboratory	Arts I	..	..	2	2
Elements of Architecture	4	1	1	..	..
History of Art	5	1	1	..	..
Architectural Drawing	8	..	..	14	14
Building Construction I	18	2	2	5	5
Freehand Drawing I	27	..	..	6	6
*Surveying Field Work	347	..	..	..	..
Total hours		12	12	27	27

*This subject is counted as part of the Second Year Curriculum, but the work is done in the four weeks immediately following the close of the First Year examinations. (See pages 287 and 321).

Any undergraduate of the First Year in Architecture who at the close of the first term has failed to obtain an average of 33 per cent in mechanics, geometry and trigonometry, physics, freehand drawing and architectural drawing, may be required to withdraw from the Faculty.

Any other student of the First or any subsequent year, whose record is found to be unsatisfactory, may at any time be required to withdraw from the Faculty.

All students of the First Year in the School of Architecture whose studies have not been seriously interrupted by personal illness, domestic affliction or urgent affairs, and who fail in more than three subjects of the First Year, in which standing is determined by sessional examinations, or in three such subjects aggregating over 300 possible marks, are required to repeat the work of the First Year, and while so doing are debarred from taking more advanced work.

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Architectural Drawing II	9	..	..	8	8
Building Construction II	19	2	2	6	6
Architectural Engineering I	21	2	2	5	5
Surveying	346	2	2	..	..
Mapping	348	..	..	6	..
Freehand Drawing II	28	..	..	6	6
History of Classic Architecture	14	2	2	..	..
Physical Education	..	..	..	..	..
Summer Work	35	..	..	..	..
*Surveying Field Work	347	..	..	..	..
Architectural Essay	31	..	..	..	..
Total hours		8	8	31	25

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examinations in April. In the case of students entering from other Universities, this work should be done before entering the Second Year in Summer Schools, as shown on page 287.

All students of the Second Year in the School of Architecture who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in subjects aggregating 350 possible marks or over are required to repeat the Second Year.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Design A	1	..	..	15	15
Theory of Design	6	2	..	..	..
Architectural Engineering II	22	2	2	4	4
History of Architecture (Mediaeval or Renaissance)†	15 or 16	2	2	..	..
Ornament and Decoration**	10 & 11 or 12 & 13	1	1	3	3
Building Materials	20	..	1	..	..
Freehand Drawing III	29	..	..	6	6
Historical Drawing	26	..	..	4	4
Architectural Essay	32	..	..	..	..
Summer Work	36	..	..	..	..
Total hours		7	6	32	32

†The courses in Mediaeval and Renaissance Architectural History, numbers 15 and 16, are given in alternate years. During the Session 1938-39, the History of Mediaeval Architecture will be given.

**Ornament and Decoration, courses numbers 10 and 11, and 12 and 13, are given in alternate years. During the Session 1938-39, numbers 12 and 13 will be given.

NOTE.—In the School of Architecture after two failures in any subject a third examination will be granted only after the student concerned has taken special tuition of a character approved by the Department.

For summer reading, see page 288.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Design B	2	..	..	22	22
Theory of Planning	7	2	..	..	..
Ornament and Decoration**	10 & 11 or 12 & 13	1	1	3	3
History of Architecture (Mediaeval or Renaissance)†	15 or 16	2	2	..	..
Hygiene of Buildings	23	2	..	..	..
Heating and Ventilation	24	..	1	..	1
Historical Drawing	26	..	..	4	4
Architectural Essay	33	..	..	..	..
Summer Work	37	..	..	..	..
Total hours		7	4	29	30

FIFTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week	
		First term	Second term	First term	Second term
Design C	3	..	..	21	33
Professional Practice	25	1	1	3	3
History of Modern Architecture	17	2	2	..	..
Modelling	30	..	..	8	..
Architectural Essay	34	..	..	..	..
Historical Drawing	26	..	..	4	..
Summer Work	38	..	..	..	..
Total hours		3	3	36	36

†The courses in Mediaeval and Renaissance Architectural History, numbers 15 and 16, are given in alternate years. During the Session 1938-39, the History of Mediaeval Architecture will be given.

**Ornament and Decoration, courses numbers 10 and 11, and 12 and 13, are given in alternate years. During the Session 1938-39, numbers 12 and 13 will be given.

NOTE.—In the School of Architecture after two failures in any subject a third examination will be granted only after the student concerned has taken special tuition of a character approved by the Department.

For summer reading, see page 288.

ENGINEERING COURSES

The subjects of instruction in the First Year of the Engineering Courses (II to VII), and the number of hours per week devoted to each, are as follows:—

FIRST YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elementary Physical Chemistry and Laboratory	51	2	2	1	1
Descriptive Geometry	341	2	2	4	4
Drawing—Mechanical	340	..	..	3	3
Engineering Problems	80	..	..	3	3
History of Science	135	1	1	..	..
Trigonometry and Mensuration	191	2	2	..	..
Algebra	192	3	3	..	..
Mechanics	194	2	2	..	..
Analytical Geometry	195	2	2	..	..
Physics and Laboratory	{311 / 312}	3	3	2	2
Physical Education	...	..	..	..	..
*Surveying Field Work	347	..	..	..	..
Summer Reading	132	..	..	..	..
Total hours		17	17	13	13

*This subject is counted as part of the Second Year Curriculum, but the work is done in the four weeks immediately following the close of the First Year examinations. (See pages 287 and 321.)

Any undergraduate student of the First Year, who at the close of the first term has failed to obtain an average of 33 per cent in chemistry, mechanics, trigonometry, analytical geometry, algebra, physics and descriptive geometry, may be required to withdraw from the Faculty.

Any other student of the First, or any subsequent Year, whose record is found to be unsatisfactory, may at any time be required to withdraw from the Faculty.

All students of the First Year taking the course for the first time, who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the First Year, in which standing is determined by sessional examinations, or in four such subjects aggregating 350 possible marks or over, are required to repeat the work of the First Year, and while so doing are debarred from taking any more advanced work.

The subjects of instruction in the Second Year of the Engineering Courses (III to VII), except in Chemical Engineering, Metallurgical Engineering and Mining Engineering, and the number of hours per week devoted to each are as follows:—

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	80A	..	1	..	2
Economics	171	..	2	..	..
Engineering Reports	136	1	1	..	..
Mapping	348	..	..	6	..
Materials of Engineering	81	1	1	..	..
Algebra	197	3	..	..	..
Calculus	198	2	4	..	..
Mechanical Drawing	344	..	..	3	3
Mechanics	83	2	2	2	2
Mechanics of Machines	218	..	1	..	3
Physics and Laboratory	315-316	2	2	3	3
Physical Education	...	..	..	..	..
Surveying	346	2	2	..	..
Surveying Field Work*	347	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours	..	13	16	14	13

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examinations in April (about April 27th) (see pages 287 and 321). In the case of students entering from other Universities this work should be done in a special Summer School before entering the Second Year (see page 287).

All students of the Second Year taking the course for the first time, who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the Second Year, in which standing is determined by sessional examinations, or in such subjects aggregating over 400 possible marks, are required to repeat the Second Year.

II. CHEMICAL ENGINEERING

The aim of this Course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants with which he is concerned, and to understand the processes.

Part of the time in the Second Year is devoted to Chemistry, in addition to general Engineering subjects. In the Third Year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The Fourth Year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations.

Students must attend two Summer Schools, one in Elementary Quantitative Analysis at the end of the Second Year, and the other in Advanced Quantitative Analysis at the end of the Third Year.

FIRST YEAR

As in other Engineering Departments, except that students do not take the Summer School in Surveying Field Work.

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	80A	..	1	..	2
Economics	171	..	2	..	..
Engineering Reports	136	1	1	..	..
Algebra	197	3	..	..	..
Calculus	198	2	4	..	..
Materials of Engineering	81	1	1	..	..
Mechanics	83	2	2	2	2
Physics and Laboratory	315-316	2	2	2	2
Elem. Organic Chem. and Laboratory	56-57	2	2	3	3
Inorganic Qualitative Analysis and Laboratory	53	2	..	6	..
Inorganic Quantitative Analysis and Laboratory	54	..	2	3	9
*Inorganic Quantitative Analysis Laboratory	55	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours		15	17	16	18

*Summer School extends over a period of four weeks at the end of the second year course.

All students of the Second Year who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the Second Year, in which standing is determined by sessional examinations, or in such subjects aggregating over 400 possible marks, are required to repeat the Second Year.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
General Elem. Metallurgy	262	1	1	..	..
Mechanical Eng. and Lab.	226, 228	2	2	3	3
Thermodynamics	229	2	2	..	..
Engineering Reports (optional)	137	1	1	..	..
Mineralogy	142A	2	2	..	..
Determinative Mineralogy	143A	..	..	3	..
Strength of Materials and Lab.	87-88	2	2	..	3
Carbohydrates, Fats, etc.	58	..	2	..	..
Advanced Organic Chem. & Lab.	65	2	2	9	9
Adv. Physical Chemistry	66	3	3	..	..
Elem. Chemical Engineering	63	2	2	..	..
*Advanced Quantitative Analysis and Lab	61	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours		16 or 17	18 to 21	15	15

*Summer School extends over a period of four weeks at the end of the third year course.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Advanced Inorganic Chem.	72	2	2	..	..
Electrochemistry	70	1	1	..	..
Colloid Chemistry	75	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Elem. of Electrical Eng. & Lab.	111-112	2	2	3	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
History of Chemistry (optional)	74	1	1	..	..
Inorganic Chem. Technology	68	2	..	..	..
Organic Chemical Technology	69	..	2	..	..
Physical Chemistry Lab	66A	..	..	9	9
Chemical Engineering	77	5	5	..	..
Chem. Eng. Lab. & Thesis	78	..	..	6	6
Summer Essay	134	..	..	..	..
Thermodynamics	76	2	2	..	..
Total hours		18 to 20	16 to 18	18	18

III. CIVIL ENGINEERING

The courses of study are designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical and in Electrical Engineering. In the Fourth Year an alternative course in Municipal Engineering is provided. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic principles involved. Students are recommended to obtain practical experience during the summer vacations, and are especially recommended to spend at least one vacation in a drafting office.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 272 and 273), with additional Summer School for students entering Third Year (see page 287).

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Foundations	89	1	1	..	3
Geology, General	141	2	2	2	2
Engineering Reports (optional)	137	1	1	..	..
Hydraulics and Lab	97-98	2	..	3	..
*Map Projections (alt.)	351	..	..	3	..
Mech. Eng. and Lab	226, 228	2	2	3	3
Mechanics	86	2	..	..	..
Railway and Highway Eng.	92	2	1	6	3
*Sanitary Science (alt.)	82	1	..	..	..
Strength of Matls. and Lab.	87-88	2	2	..	3
Elem. Structural Design	90	..	1	..	3
Surveying	353	2	2	..	..
Surveying Field Work	354	..	..	..	..
Summer Reading or Essay	133	..	..	..	..
Total hours		15 to 17	13 or 14	17	17

*Map Projections (351) is alternative with Sanitary Science (82).

FOURTH YEAR

	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Elec. Eng. & Lab.	111-112	2	2	3	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Geodesy and Lab	359, 360	2	..	3	..
†Geodetic Field Work	361	..	..	..	..
Strength of Materials	95	2	1	..	3
Theory of Structures	94	1	2	3	6
and either					
Bridge Design	96	2	2	6	6
Hydraulic Machines	99	..	2	..	..
Municipal Engineering	101	2	2	..	3
or					
Bridge Design	96a	2	2	6	3
Civic Administration	104	1	..	..	..
Waste Disposal	103	1	..	..	..
Water Sup. and Sewerage	102	..	3	..	6
Summer Essay	134	..	..	..	..
Total Hours		14 or 15	11 to 13	15	21

†See page 287.

IV. ELECTRICAL ENGINEERING

The Third Year of the Electrical Engineering course provides the student with a broad engineering training. Courses in mechanical engineering, thermodynamics, and strength of materials occupy a large place in the curriculum, although the greatest emphasis is placed on the study of the principles of Electrical Engineering.

The course in Electrical Engineering theory includes a study of electro-magnetism and of the electric circuit, followed by an analysis of the theory and characteristics of direct current machinery. A study is made of alternating current flow in single-phase and polyphase circuits. This training is applied in the laboratory and in the solution of problems. Courses in differential equations and in molecular physics prepare the student for the electrical circuit theory and electrical communication courses of the Fourth Year.

The Fourth Year is devoted almost entirely to electrical engineering studies.

Technical courses cover the generation, transmission and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; various systems of power distribution and transmission; central station design; electrical traction systems; hydro-electric power development; electro-chemistry; electrical measurements; communication engineering, etc.

Visits are made to electrical works and power plants.

FIRST AND SECOND YEARS

As in other Engineering Courses. (See pages 272 and 273).

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Differential Equations	201	3	..	..	..
Economics	171	..	2	..	..
Electrical Engineering	113	4	4	..	..
Electrical Eng. Lab	114	..	..	12	12
Engineering Reports (optional)	137	1	1	..	..
Machine Design	225	2	2	..	..
Mech. Eng. and Lab	223, 226	2	2	3	3
Mechanics	86	2	..	..	..
Thermodynamics	229	2	2	..	..
Strength of Mats. and Lab	87, 88	2	2	..	3
Physics	318	..	2	..	..
Summer Reading or Essay	133	..	..	..	..
Total hours		17 or 18	16 or 17	15	18

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Electrical Design & Problems	122	1	1	3	6
Electrical Engineering	117	4	4	..	..
Electrical Measurements and Lab	124	2	..	3	3
Electrical Engineering Lab	118	..	..	6	9
Thermionic Tube Theory and Applications	125	2	..	3	..
Communication Eng. (Wire)	126	..	2	..	..
Engineering Relations (optional)	138	1	1	..	..
Applications of Electricity	123	..	3	..	..
Elec. Light & Power Dis.	120	2	..	..	..
Hydraulics & Lab	97, 98	2	..	3	..
Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Summer Essay	134	..	..	..	..
and one of:—					
(1) Electric Traction	121	..	2	..	..
(2) Hydraulic Machines	99	..	2	..	..
(3) Machine Design	243	..	2	..	..
(4) Electro-Metallurgy	275	3	..	..	..
(5) Communication Eng. (Radio)	127	..	2	..	..
Total Hours		17 to 20	13 to 14	18	18

V. MECHANICAL ENGINEERING

Undergraduates entering the Third Year elect one of two courses: Mechanics of Machines and Thermodynamics, or Accounting and Industrial Engineering. If special preparation in aeronautics is desired in addition to the first option (Mech. of Machines), Calculus is taken in the Third Year and Strength of Materials in the Fourth Year, if the timetable will permit.

The subjects of instruction in this Department are of interest to students who are likely to take up work connected with:—

(a) The engineering of production, including industrial engineering; (b) steam engineering; (c) internal combustion engines; (d) power plant engineering; (e) heating and ventilation; (f) aeronautics and aerodynamics.

Instruction is given during the Third and Fourth Years in mechanical engineering applied to power installation and prime movers. This work is supplementary to thermodynamics, mechanics of machines and machine design, and leads to power plant design, industrial plant design and works organization.

Students take work in electrical engineering during the Third Year.

Workshop practice instruction is given in the Third and Fourth Years to prepare for that practical experience which every mechanical engineer must obtain for himself.

The course in thermodynamics deals with the theory of heat engines, including graphical and experimental work.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 272 and 273), with additional Summer School for students entering Third Year. (See page 287).

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Elements of Elect. Eng. and Lab	111-112	2	2	3	3
Engineering Reports (optional)	137	1	1	..	..
Industrial Engineering	237	2	..	..	..
Machine Design	225	2	2	..	..
Mechanical Drawing	231	..	..	3	3
Mechanical Eng. and Lab.	227, 228	3	3	3	3
Mechanics	86	2	..	..	..
Physical Metallurgy	266	1	..	2	..
Shopwork	236	..	..	3	3
Strength of Matls. and Lab.	87, 88	2	2	..	3
Elem. Structural Design	90	..	1	..	3
Thermodynamics	229	2	2	..	..
Summer School	233	..	..	..	..
Summer Reading or Essay	133	..	..	..	..
Accounting	238	1	1	2	2
or					
Mechanics of Machines	224	2	2	1	1
**Differential Equations (Optional)	201	2	..	..	..
Total hours		16 to 21	15 to 17	15 or 16	19 or 20

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Designing	241	..	..	3	3
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Experimental Eng.	257	1	1	..	..
Heat. and Vent. of Buildings.	247	1	1	..	..
Hydraulics and Lab.	97, 98	2	..	3	..
Hydraulic Mach.	99	..	2	..	..
Machine Design	242	2	2	..	..
Power Plant Design	244	1	1	3	3
Shopwork	252	..	..	3	3
Summer Essay	134	..	..	..	..
and					
Industrial Administration	254	..	1	..	3
Industrial Engineering	253	2	2	3	3
Industrial Relations	258	2	..	..	..
Mech. Eng. Lab	249a	..	..	6	6
or					
Thermodynamics	251	2	2	..	..
Industrial Administration	254	..	1	..	3
Industrial Relations	258	2	..	..	..
Mech. Eng. Lab	249	..	..	9	9
or					
Mech. Eng. Lab	249	..	..	9	9
*Mech. of Mach	240	2	2	1	1
Thermodynamics	251	2	2	..	..
**Strength of Materials (optional)	95A	2	..	..	..
Total hours		16 or 17	11 to 13	21 or 22	19 or 21

*Prerequisite Mechanics of Machines 224.

**Students intending to specialize later in aerodynamics take optional courses in Differential Equations (201) and Strength of Materials (95A).

VI. METALLURGICAL ENGINEERING

The course of instruction provides training in the chemical and engineering subjects that form a basis for metallurgical engineering. In the later years, the various branches of theoretical and practical metallurgy are studied, together with the allied subjects of geology, mineralogy assaying, ore-dressing and mining engineering.

The course is designed for students who expect to be engaged in the smelting or refining of metals, the production of iron or steel, or the melting and casting of metals and alloys, or in engineering work in which the physical properties and heat-treatment of metals and alloys are of fundamental importance.

In the Third Year instruction is given in economics, chemistry, assaying, geology, mineralogy, mining, ore-dressing, metallurgy, and mechanical, electrical and structural engineering.

A Metallurgical Field School is held after the April examinations of the Third Year. This school visits metallurgical plants and studies the design and operation of each.

Students are expected to work in a metallurgical plant during the summer before entering the Fourth Year, and must have had experience in metallurgical works before graduation. (See page 287.)

In the Fourth Year instruction is given in chemistry, electrochemistry, engineering law, economics, hydraulics, metallurgy, electrometallurgy, metallography, metallurgical designing and ore-dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Sc. or M.Eng. degree.

FIRST YEAR

As in other Engineering Courses. (See page 272).

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	80A	..	1	..	2
Economics	171	..	2	..	..
Engineering Reports	136	1	1	..	..
Mapping	348	..	..	3	3
Materials of Engineering	81	1	1	..	..
Algebra	197	3	..	..	..
Calculus	198	2	4	..	..
Mechanical Drawing	344	..	..	3	3
Mechanics	83	2	2	2	2
Mechanics of Machines	218	..	1	..	3
Physics and Laboratory	315-316	2	2	2	2
†Inorganic Qualitative Analysis and Laboratory	53	2	..	6	..
Physical Education	....	..	..	..	..
Surveying	346	2	2	..	..
Surveying Field Work*	347	..	..	..	..
Summer Essay or Reading	133	..	..	..	..
Total hours	....	15	16	16	18

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examinations in April (about April 27th) (see pages 287 and 321.) In the case of students entering from other Universities this work should be done in a special Summer School before entering the Second Year (see page 287).

†This course will also be required of Third Year Students during the Session of 1938-39.

All students of the Second Year taking the course for the first time, who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the Second Year, in which standing is determined by sessional examinations, or in such subjects aggregating over 400 possible marks, are required to repeat the Second Year.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Elem. Elec. Eng. and Lab.	111, 112	2	2	3	3
Engineering Reports (optional)	137	1	1	..	..
Fire Assaying	263, 264	1	..	..	..
Geology, General	141	2	2	2	2
Gen. Elem. Metall. & Lab	261	1	1	3	..
†Inorg. Quant. Analy. and Lab.	71	1	..	9	..
Mech. Eng. and Lab	226, 228	2	2	3	3
Metall. Calculations	265	1	1	..	..
Mineralogy	142	2	2	..	..
Mineralogy, Determinative	143	..	..	..	6
Mining Engineering	291	2	..	..	..
Ore Dressing	292, 295	2	2	..	..
Strength of Matls. and Lab	87, 88	2	2	..	3
Elem. Structural Design	90	..	1	..	3
Summer Reading or Essay	133	..	..	..	..
Total hours		19 or 20	17 or 18	24	20

†This course will also be required of Fourth Year Students during the Session of 1938-39.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Electro-Metal	275	3	..	..	..
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
General Metallurgy	271	2	2	..	..
Hydraulics and Lab	100	1	..	1½	..
Inorganic Chem. Technology	68	2	..	..	..
Metallurgy, Advanced	272	..	4	..	..
Metallurgical Lab. and Thesis	274	..	..	..	8
Metallurgy Colloquium	277	..	1	..	..
Metal. Probs. and Design	278	..	1	..	3
Metallurgical Analysis	279	..	..	3	..
Metallography and Lab	280, 281	1	1	..	3
Ore-Dressing and Lab	300, 305	2	1	3	..
*Metallurgical Field School	268	..	..	..	..
Summer Essay	134	..	..	..	..
Total hours		14 or 15	11 or 12	7½	14

*Metallurgical Field School (268) is taken at the end of the Third Year. See page 315.

VII. MINING ENGINEERING

The Third Year is devoted largely to applied mechanics, electrical engineering, mechanical engineering, and surveying, but courses of special interest to Mining Engineers are introduced in ore-dressing, elementary mining and metallurgy, geology and mineralogy.

The Fourth Year is given up mainly to technical work in mining, ore-dressing, economic geology and metallurgy, and includes nearly three full days per week in laboratories and drafting room. In the second term each student prepares a thesis on an experimental investigation, and works on problems in mine design.

A Field School in mining, ore-dressing and geology is held between the Third and Fourth Years, beginning immediately after the close of the April examinations. Students are taken on a trip to some important mining district where mines and plants are studied. As far as conditions permit, Second Year students who intend to enter the mining course are given the benefit of this summer school.

Facilities are available for graduate students who wish to do advanced work in mining or ore-dressing, and the Department possesses three Research Fellowships open to graduates who show ability. (See page 138.)

FIRST AND SECOND YEARS

First Year, same as other Engineering Courses (see page 272), and Second Year, same as course in Metallurgical Engineering (see page 283), with additional Summer Schools for students entering Third Year (see page 287).

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Economics	171	..	2	..	..
Engineering Reports (optional)	137	1	1	..	..
*Fire Assaying and Lab.	263, 264	1	..	4	..
Geology, General	141	2	2	3	2
**Inorg. Quant. Anal. and Lab.	71	1	..	9	..
Mech. Eng. and Lab	226, 228	2	2	2	3
Gen. Element. Metall	262	1	1	..	..
Mineralogy	142	2	2	..	..
Mineralogy, Determinative	143	..	..	6	..
Mining Engineering	291	2	..	..	..
Ore Dressing	292, 295	2	2	..	..
Strength of Matls. and Lab.	87, 88	2	2	..	3
Elem. Structural Design	90	..	1	..	3
Surveying	352	1	1	..	..
†Surveying Field Work	354	..	..	..	..
Elect. Engineering and Lab.	111, 112	2	2	3	3
Summer Reading or Essay	133	..	..	..	..
Total hours		18 or 19	17 or 18	27	14

*The lecture hour assigned to these subjects is taken from the afternoon laboratory periods.

†See page 321.

**This course will also be required of Fourth Year Students during the Session 1938-39.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mine Design	298	..	..	..	6
Engineering Economics	172	2	..	..	..
Engineering Law	175	1	1	..	..
Engineering Relations (optional)	138	1	1	..	..
Geology of Canada	149	1	..	..	..
Hydraulics and Lab.	100	1	..	1½	..
Metallurgy, General	271, 284	2	2	..	3
Metallurgical Calc	283	1	1	..	..
Mining Engineering	297	1	3	..	..
Mining Colloquium	301	..	1	..	..
Practical and Field Geology	147	1	..	3	..
Ore Deposits	148	..	4	..	..
Ore-Dressing	300	2	1	..	..
Metal. Analysis	279	3	..	3	..
Ore-Dress., Lab. and Thesis	307	..	..	..	10
Petrography and Lab.	146	1	..	3	3
Mining Field School	294	..	..	..	..
Mine Mapping	293	..	..	1½	..
Summer Essay	134	..	..	..	..
Applied Geophysics	320	2	..	..	..
Total hours		15 or 16	13 or 14	12	22

NOTE.—Surveying Field Work, between the Second and Third Years. See page 287
Mining Field School at end of Third Year. See page 314.

SUMMER SCHOOLS

Undergraduates are required to attend Summer Schools as specified below. These are held immediately after the April sessional examinations, and the work is set forth in detail under the subject numbers referred to.

A special fee of $35.00 is payable in advance. (See note under fees, page 261).

Except as noted, classes are expected to begin on or about April 27th and close about May 23rd.

COURSE	Students entering Second Year		Students entering Third Year		Students entering Fourth Year	
	Subject No.	Page	Subject No.	Page	Subject No.	Page
Architecture	347	320	..	..	..	..
Chemical Engineering	..	..	55	298	61	298
Civil Engineering	347	320	354	320	361	321
Elect. Engineering	347	320	..	..	..	..
Mechanical Engineering	347	320	*233	310	..	..
Mining Engineering	347	320	354	320	294	314

*This school will commence on September 1st, extend over a period of four weeks and be held with the Special Summer Schools. See pars. (a), (b) and (c) below.

NOTE—SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, but it must be understood that, except as noted in the table above, they apply only to students who have not previously been in attendance in the Faculty of Engineering.

(a) Students entering the Second Year, except in Chemical Engineering, are required to attend a special Summer School in Surveying which extends from September 12th to 24th, inclusive, preceding the work of the Session. Additional work may be required in the following year, if necessary, to cover the course. (See page 321.)

(b) Students entering the Third Year of the course in Mechanical Engineering will be required to attend a Summer School in Mechanical Drawing and Machine Shop Work extending over a period of four weeks, commencing September 1st.

(c) Students entering the Third Year in the courses in Civil and in Mining Engineering and the Fourth Year in Civil Engineering are required to attend a Special Summer School in Surveying from September 12th to 24th, inclusive, and in these courses further work in Surveying, to be specified by the Head of the Department, is required for a portion of the month of May following.

(d) Students entering the Third Year in the course in Electrical Engineering are required to submit evidence satisfactory to the Head of the Department, that they have been employed for a time at least equivalent to one month of steady employment, in a first-class electrical shop during the vacation preceding their entrance into the Third Year.

(e) Students entering the Third Year or any subsequent year in the course in Architecture must submit evidence satisfactory to the Head of the Department that they have done work equivalent to that of the regular scheduled Summer Schools.

(f) Students entering the Fourth Year in the courses in Mining and Metallurgical Engineering are required to submit evidence that they have had practical experience in mining and metallurgical work at least equivalent in extent to the work done in the regular Summer Schools in these courses, and should by correspondence in the preceding spring secure the approval of the Head of the Department concerned of the work which they propose to offer in place of the regular summer work.

SUMMER WORK, SUMMER ESSAYS AND SUMMER READING

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of experience in practical engineering work before receiving their degrees (see page 268). Evidence of such employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer and handed in at the office not later than 5 p.m., October 11th, 1938.

A similar regulation applies to students in Architecture, who must have had at least eight months of practical experience before receiving their degrees. This experience must include work in an architect's office.

In view of the present industrial situation, modification of these regulations may be made in the cases of students otherwise qualified for degrees.

GENERAL REQUIREMENTS

Essays are regarded as a very important part of the curriculum and a high standard is exacted. They are judged on their subject matter, literary style and the evidence they show of thoughtful preparation.

The most acceptable subject for an essay is a critical description of the work on which the student is engaged during the summer, but a description of any engineering, scientific or industrial work with which he is familiar will be accepted. Students who secure summer engagements in engineering work should take advantage of every opportunity to gather material suitable for an essay.

No essay compiled from books alone will be accepted unless the student has obtained in advance the written approval of the Head of his Department. Information obtained from books and other sources may, however, be used or even quoted verbatim, provided full acknowledgment is made and all quotations enclosed in quotation marks. Similarly, drawings, blue prints, etc., may be included in the essay, provided full acknowledgment is made.

The student should be particularly careful to make acknowledgment of information or drawings regarding matters which have not come within his personal experience, by means of a letter attached to the essay.

Essays should normally be from 2,000 to 5,000 words in length. They should be illustrated by drawings, sketches, and, when desirable, by photographs, specimens, etc., and must be typewritten on paper of substantial quality and 8½ x 11 inches in size.

Essays, with the exception of those which require consideration by the Committee on English because of literary defects, or those which are considered eligible for Undergraduate Society prizes, will be returned to students on or before December 1st. Students are encouraged to submit their essays to the Engineering Institute of Canada or to the Canadian Institute of Mining and Metallurgy, in competition for student's prizes offered by these Institutes.

All summer essays must be handed in at the Dean's Office not later than 5 p.m., October 11th, 1938.

Examinations in Summer Reading will be held on or about the opening day of the session. The number of marks assigned to the reading course and to the essay is the same.

STUDENTS IN ARCHITECTURE

During each summer vacation all students are required either to work for five weeks in the office of an architect or contractor, or prepare thirty-five reasonably large freehand sketches in any desired medium, or carry out a programme of study approved by a professor of the School.

In addition, students entering the various years are required to fulfil the following requirements:—

Second Year

Pass an examination on J. H. Breasted, Ancient Times (Ginn and Co., New York).

Third and Fourth Years

Pass an examination on the following books, or submit an essay on a subject approved by the Head of the Department:—Quennell, A History of Everyday Things in England, Part I (B. T. Batsford); Villehardouin and Joinville, Memoirs of the Crusades (Dent).

Fifth Year

Pass an examination on the following books, or submit an essay on a subject approved by the Head of the Department:—

Ruskin, Seven Lamps of Architecture (Dent); A. Clutton Brock, William Morris—His Work and Influence (Williams & Norgate).

STUDENTS IN ENGINEERING

Second Year

132. Students entering the Second Year must either pass an examination on not fewer than four of the following books, or submit an essay:—

Second Year Summer Reading

"Some Experiences of a New Guinea Resident Magistrate," Moncton, (Penguin Library).

"Brazilian Adventure," Fleming, (Cape).

"Autobiography," Margot Asquith, (Penguin Library).

"Napoleon," Ludwig, (Modern Library).

"The Moon of the Caribees," O'Neill, (Modern Library).

"Seven Contemporary Plays," Whitman, (Houghton-Mifflin).

"Theory of the Leisure Class," Veblen, (Modern Library).

"Century of Progress," Beard, (Harpers).

"Amenities of Book Collecting," Newton, (Modern Library).

"As We Are," Benson, (Longmans-Green).

"The Wallet of Kai Lung," Bramah, (Penguin Library).

"Ariel," Maurois, (Penguin Library).

"Short History of the World," Wells, (Penguin Library).

"European Journey," Gibbs, (Simon & Schuster).

"Our Prehistoric Forerunners," Vulliamy, (Lane).

"New Background of Science," Jeans, (Macmillan).

"With Mystics and Magicians in Tibet," David-Neel (Penguin Library).

"Traveller's Russia," Holmes, (Putnam).

The essay, which should be approximately 2,000 words in length, must be illustrated and conform to the requirements for essays stated above.

Students who elect to write an essay, but who are not engaged during the summer in engineering, scientific or industrial work that would be a suitable subject for an essay, may write on one of the following subjects: (1) General Educational Value of Engineering Training; (2) The Place of Athletics in the University; (3) College Journalism; (4) Summer Schools.

Third Year

133. Students entering the Third Year must pass an examination on the following book, or submit an essay, preferably on engineering work in which they have been engaged:—Cheyney, An Introduction to the Social and Industrial History of England, revised edition, (Macmillan).

Essays must conform to the requirements stated above except that they may be somewhat shorter, but not less than 2,000 words in length.

Students who elect to write an essay, but are not engaged during the summer in suitable engineering, scientific or industrial work are advised themselves to choose a subject, in consultation with the Head of their Department, or they may write on one of the following:—

Chemical Engineering.—(1) The Refining of Petroleum; (2) The Solvay Process for Soda Manufacturing; (3) Manufacture of Contact Sulphuric Acid.

Civil Engineering.—(1) Historical Development of Trussed Frameworks; (2) Historical Development of Reinforced Concrete; (3) Ancient and Modern Water Supplies.

Electrical Engineering.—The Application of Electric Power to Industrial Establishments.

Mechanical Engineering.—(1) Powdered Fuel for Power Production; (2) Pulp and Paper Manufacture; (3) Shop Management.

Metallurgical Engineering.—(1)Roasting Sulphide Concentrates; (2) Reverberatory Copper Smelting; (3) Heat Treatment of Steel.

Mining Engineering.—(1) Explosives Used in Mining; (2) Hoisting from Mines; (3) Mucking and Transportation in Mines; (4) The Cyanide Process for Extraction of Minerals from Ores.

Fourth Year

134. Students entering the Fourth Year are required to submit an essay, preferably on engineering work in which they have been engaged. Students who are not engaged in suitable work may write on one of the following subjects, or preferably on an engineering subject approved by the Head of their Department.

Chemical Engineering.—(1) Nitrogen Fixation Industries; (2) Kraft Pulp; or Sulphite Pulp; or Viscose Rayon; (3) Economic Factors in Chemical Industries; (4) Electrolytic Caustic and Chlorine.

Civil Engineering.—(1) Welding of Structural Steel; (2) High-Early-Strength Concrete; (3) Aerial Surveying; (4) Small-Town Sewage Disposal Plants.

Electrical Engineering.—(1) Applications of Electricity to any Particular Branch of Industry, or to Industry in General; (2) Applications of Thermionic Tubes to Electrical Communication and to Industry; (3) Electrification of Railways; (4) The Insulation of Underground Cables or of Overhead Lines; (5) The Magnetic Properties of Iron and its Alloys.

Mechanical Engineering.—(1) Power Costs; (2) Central Station Heating; (3) Methods of Increasing Production in Manufacturing; (4) Diesel-driven Motor Buses.

Metallurgical Engineering.—(1) The Treatment, Uses and Disposal of Gases from Metallurgical Furnaces; (2) The Economic Use of Electric Power in Metallurgical Furnaces; (3) Corrosion-resisting Alloy Steels; (4) Electrometallurgical Industries.

Mining Engineering.—(1) Prospecting and Exploration of Mineral Deposits; (2) Mine Drainage; (3) The Flotation Process for Ore Concentration; (4) Compressed Air and its Application to Mining; (5) Mineral Production and its Effect on Industrial Development.

Essays must conform in all respects to the requirements stated on page 288.

Examinations in Summer Reading will be held on or about the opening day of the session. The number of marks assigned to the reading course and to the essay is the same.

SUBJECTS OF INSTRUCTION

The following courses are subject to modification during the year, as the Faculty may deem advisable.

SCHOOL OF ARCHITECTURE

PROFESSORS:— { RAMSAY TRAQUAIR. / PERCY E. NOBBS. / PHILIP J. TURNER.

ASSOCIATE PROFESSOR:—G. J. DODD, of the Dept. of Civil Engineering.
ASSISTANT PROFESSOR:—FRANK P. CHAMBERS.

DEMONSTRATORS:— { P. ROY WILSON. / CARLETON CRAIG, of the Dept. of Civil Engineering.

A.—Design

The course in Design is divided into three classes (A, B and C), intended for the Third, Fourth and Fifth Years respectively. Advanced or backward students are allotted to design classes to suit their individual requirements, irrespective of their standing in other subjects; good standing in Class C must be obtained prior to receiving the degree.

1. CLASS A. (P. 9, 19, 21, 29). Simple problems in composition of a monumental nature. The design of domestic buildings.

2. CLASS B. (P. 1, 22). The design of public building with details of construction.

3. CLASS C. (P. 2). Problems involving the plan, structure and lay-out of complex buildings and groups of buildings. The diploma design for graduation is done in the second term.—Professor Nobbs.

B.—Aesthetic

4. THE ELEMENTS OF ARCHITECTURE.—24 lectures. Professor Chambers.

Text-books:—C. Normand, Parallel of the Orders (Tiranti); H. McGoodwin, Architectural Shades and Shadows, (Bates & Guild).

P—Prerequisite.

5. History of Art. 24 lectures—Professor Chambers.

6. Theory of Design. 24 lectures—Professor Chambers.

Text-books:—Croce, B., Theory of Aesthetic (Macmillan); Nobbs, P. E., Design (Oxford Press); Chambers, F. P., The History of Taste (Columbia University Press).

7. Theory of Planning. 24 lectures— Professor Nobbs.
Prospect, aspect, accommodation, circulation, fenestration, group planning, town planning.

Text-books:—Nobbs, P. E., Design (Oxford Press); Hegemann and Peet, Civic Art. (Architectural Book Publishing Co.).

10, 11, 12 and 13. Ornament and Decoration.
(48 lectures and 48 draughting periods extending through two years.)

10. Decorative Heraldry.—Professor Traquair. First Term.

Text-books:—Eve, Decorative Heraldry, (Harcourt); Grant, The Manual of Heraldry (Grant); Hope, Heraldry for Craftsmen (Macmillan), Fox Davies, The Art of Heraldry, (Jacks).

11. Ornament in Form.—Professor Traquair. Second Term.

Text-books:—Millar, Plastering, Plain and Decorative, (Batsford); Bankart, The Art of the Plasterer; (Batsford); Prior, Mediæval Figure Sculpture in England (Cambridge Univ. Press); Gardner, Handbook of Greek Sculpture (Macmillan).

12. Metal Work.—Professor Traquair. First Term (given in 1938-39).

Text-books:—Murphy, English and Scottish Wrought Iron Work, (Scribner); Starkie Gardner, Ironwork, (Victoria and Albert Museum); Lethaby, Leadwork, (Macmillan).

13. Color Decoration.—Professor Traquair. Second Term (given in 1938-39).

Text-books:—Merson, Vitraux, (Maison Quant), Day, Windows (Batsford).

C.—History

14. Ancient and Classical Architecture. 48 lectures—Professor Traquair.

Text-books:—Banister Fletcher, History of Architecture, (Batsford); Anderson and Spiers, Architecture of Ancient Greece, (Batsford); Anderson and Spiers, Architecture of Ancient Rome (Batsford).

15. MEDIAEVAL ARCHITECTURE. 48 lectures—Professor Traquair. (Given in 1938-39.)

Text-books:—Power, Mediæval Architecture (Talbot); Faure, History of Art (Harpers); Bond, Gothic Architecture in England (Batsford); Prior, History of Gothic Art in England (Bell).

16. RENAISSANCE ARCHITECTURE. 48 lectures.—Professor Traquair. (Given in 1937-38.)

Text-books:—Anderson, Italian Renaissance Architecture. (Batsford); Ward, French Renaissance Architecture (Batsford); Blomfield, Short History of Renaissance Architecture in England (Bell); Gotch, Architecture of the Renaissance in England (Batsford).

17. MODERN ARCHITECTURE. 48 lectures—Professor Traquair.

Text-books:—Clark, The Gothic Revival (Constable); Richardson, Monumental Classic Architecture in Great Britain (Batsford).

D.—Science

MATHEMATICS. Mathematics 1 of the Faculty of Arts and Science, including Algebra, Geometry and Trigonometry. Mechanics 194 is taken in Engineering. (See page 309.)

PHYSICS AND LABORATORY. Arts and Science 1. 72 lectures and 48 laboratory periods ..... Professor Keys.

346. SURVEYING. (P. 191 or Arts and Science 1), 48 lectures. Professor Kelly.

347. SURVEYING FIELDWORK. 4 weeks' field school.

348. MAPPING. 24 drafting periods ..... Professor Kelly.

23. HYGIENE OF BUILDINGS. 24 lectures in first term—Professor Macdonald.

24. HEATING AND VENTILATION OF BUILDINGS. 12 lectures and one graphical problem, second term.—Professor Patten.

E.—Construction

18. BUILDING CONSTRUCTION I. 48 lectures and 48 drafting periods. Professor Turner.

Text-books:—Frame Construction Details (Nat. Lumber Manf. Assn.); Manual of Face Brick Construction (American Face Brick Assn.).

P—Prerequisite.

19. Building Construction II. (P. 18). 48 lectures and 48 drafting periods ..... Professor Turner.

Text-books:—Knobloch, Good Practice in Construction (Batsford); Voss and Henry, Architectural Construction (Wiley); Jaggard and Drury, Architectural Building Construction, Vol. 1 (Cambridge Univ. Press); Hollman, Wood Construction (McGraw-Hill); Gay and Archer, Materials and Methods of Architectural Construction (Wiley).

20. Building Materials. 12 lectures ..... Professor Turner.

21. Architectural Engineering. I. (P. 194) 48 lectures and 48 drafting periods ..... Professor Dodd.

22. Architectural Engineering II. (P. 21, 194). 48 lectures and 48 drafting periods ..... Professor Dodd.

Text-books:—Hauf, Design of Steel Buildings (Wiley); Howe, Retaining Walls for Earth (Wiley); Turneaure and Maurer, Principles of Reinforced Concrete Construction (Wiley); Useful Data (Kalman Steel Company); Handbook of Reinforced Concrete Building Design (American Concrete Institute); Draffin, Strength of Materials (Wiley); Malcolm, Graphic Statics (Clarke); Steel Construction (American Institute of Steel Construction).

F.—Architectural Practice

25. Professional Practice. 24 lectures and 24 drafting periods. Professor Turner.

Text-books:—Handbook of Architectural Practice (A.I.A.); N.Y. Building Congress Standard Specifications; Goldsmith, Architects' Specifications (Wiley); Architects' Law Manual, (Pencil Points Press); P.Q.A.A., R.A.I.C. and A.I.A. Standard Documents.

G.—Drawing

8. Architectural Drawing I. 14 drafting periods. Professor Chambers.

9. Architectural Drawing II. (P. 8). 8 drafting periods. Professor Chambers.

26. Historical Drawing ..... Professor Traquair.

27, 28, 29 (P. 27, 28). Freehand Drawing. Two periods a week during the first three years .....

30. Modelling. Two periods a week for the first term of the fifth year.—Professor Chambers.

31, 32, 33, 34. An essay prepared during the session, on an historical or a theoretical subject, is required each year from all students except those of the First Year.

P—Prerequisite.

35, 36, 37, 38. SUMMER WORK.

During the vacations following the close of the First, Second, Third and Fourth Years, students are required to read and to be prepared to pass an examination on a selected architectural work. Every student must, before he receives his degree, have had at least eight months' experience in an architect's or contractor's office satisfactory to the Faculty. The regulations of the Royal Institute of British Architects require that a candidate for the special examination shall have had at least twelve months' experience in an architect's office. Graduates will not be admitted to this examination until they have fulfilled the requirement.

Text books set for summer reading include the following:—Breasted, Ancient Times (Ginn); Quennell, A History of Everyday Things in England, Part I (Batsford); Villehardouin and Joinville, Memoirs of the Crusades (Dent); Ruskin, Seven Lamps of Architecture (Dent); A. Clutton Brock, William Morris—His Work and Influence (Williams & Norgate).

A summer school in surveying is taken in the four weeks following the sessional examinations of the First Year.

For summer reading, see page 288.

DEPARTMENT OF CHEMISTRY

PROFESSORS:— O. MAASS. HAROLD HIBBERT. W. H. HATCHER.

ASSOCIATE PROFESSORS:— E. W. R. STEACIE. J. B. PHILLIPS.

ASSISTANT PROFESSORS:— J. H. MENNIE. W. H. BARNES P. G. STEVENS.

SESSIONAL LECTURERS:— J. H. HOLDEN. R. V. NICHOLLS. D. W. MACLAUCHLAN.

and demonstrators and graduate assistants.

First Year Lectures and Laboratory.

51. ELEMENTARY PHYSICAL CHEMISTRY AND LABORATORY. Two lectures and one one-hour problem period per week....Professor Maass.

Text-book:—Maass & Steacie, Introduction to the Principles of Physical Chemistry, (Wiley).

Second Year Lectures and Laboratory

53. INORGANIC QUALITATIVE ANALYSIS AND LABORATORY. (Arts and Science 3a). (P. 51). Two lectures and two laboratory periods per week, first term.....Professor Mennie.

Text-book:—Curtman, Qualitative Chemical Analysis (Macmillan).

54. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. (Arts and Science 3b). (P. 51). Two lectures and three laboratory periods per week, second term.....Professor Mennie.

55. INORGANIC QUANTITATIVE ANALYSIS LABORATORY. Four weeks summer school. (See page 287).....Professor Mennie.

56. ORGANIC CHEMISTRY. (Arts and Science 2.) (C. 57.) Two lectures per week.....Professor Hatcher.

Text-book:—Lucas, Organic Chemistry (American Book Co.).

57. ORGANIC CHEMISTRY LABORATORY. (Arts and Science 2.) (C. 56.) One period per week.....Professor Hatcher.

Third Year Lectures and Laboratory.

58. CARBOHYDRATES, FATS, ETC. (P. 51, 56). Two lectures per week, second term.....Professor Hatcher.

Text-book:—Curtman, Brief Course in Qualitative Chemical Analysis. (Macmillan).

61. ADVANCED QUANTITATIVE ANALYSIS AND LABORATORY. (P. 54 and 55). Four weeks summer school. (See page 287).
Professor Mennie.

P—Prerequisite. C—Concurrent.

63. Elementary Chemical Engineering. (P. 51, C. 226). Two lectures per week .....Professor Phillips.

*65. Advanced Organic Chemistry and Laboratory. (Arts and Science 5). (P. 56).

Two lectures and three laboratory periods per week.
Professor Stevens.

*66. Advanced Physical Chemistry. (P. 51). (Arts and Science 7, 12). Three lectures per week.....Professor Maass.

Text-books:—Nernst, Theoretical Chemistry (Macmillan); Taylor, Treatise on Physical Chemistry (Van Nostrand).

71. Inorganic Quantitative Analysis and Laboratory. (P. 59). One lecture and three laboratory periods per week, first term.
Professor Mennie.

This course is available for students in the Department of Geology in the Faculty of Arts and Science.

Fourth Year Lectures and Laboratory.

*66A. Physical and Colloid Chemistry Laboratory. (Arts and Science 7L). Three laboratory periods per week.
Professors Maass and Steacie.

Text-books:—Daniels, Matthews and Williams, Experimental Physical Chemistry (McGraw-Hill).

68. Inorganic Chemical Technology. (P. 51). Two hours per week, first term.....Professor Phillips.

69. Organic Chemical Technology. (P. 51, 56). Two hours per week, second term.....Professor Phillips.

*70. Electrochemistry. (Arts and Science 11).

One lecture a week, session.....Professor Mennie.

Reference books:—Creighton, Electrochemistry, (Wiley); Allmand, Applied Electrochemistry (Arnold); Glasstone, Electrochemistry of Solutions (Methuen).

***Courses marked with a star are open to graduates as well as undergraduates.**

P—Prerequisite. C—Concurrent.

*72. Advanced Inorganic Chemistry. (Arts and Science 6). Two lectures per week.....Professor Mennie.

*74. History of Chemistry. (Arts and Science 9). One lecture per week, optional.....Professor Barnes.

*75. Colloid Chemistry. (Arts and Science 15). One lecture per week (Laboratory work, see 66A).....Professor Steacie.

Text-book:—Kruyt, Colloids (Wiley).

*76. Thermodynamics. (Arts and Science 17). Two lectures per week .....Professor Steacie.

Text-book:—Butler, Chemical Thermodynamics, Vol. II, (Macmillan).

77. Chemical Engineering. (P. 63, C. 78). Five hours per week. Professor Phillips.

78. Chemical Engineering Laboratory and Thesis. (C. 77). Six hours per week.....Professor Phillips.

Graduates in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the degree of M.Sc. in Chemistry. See page 429.

***Subjects marked with a star are open to graduates as well as undergraduates.**

P—Prerequisite. C—Concurrent.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

PROFESSORS:—E. BROWN, R. DEL. FRENCH, R. E. JAMIESON

ASSOCIATE PROFESSORS:—G. J. DODD, JAMES WEIR

ASSISTANT PROFESSOR:—F. M. WOOD

LECTURER:—CARLETON CRAIG

RESEARCH FELLOW:—C. M. MORSSEN

ASSISTANT IN CHARGE OF TESTING LABORATORY:—S. D. MACNAB

First Year.

80. ENGINEERING PROBLEMS. Three hours per week.
Professors Dodd and Wood.

Second Year.

80A. ENGINEERING PROBLEMS. Three hours per week, second term.
Professor Phillips.

81. MATERIALS OF ENGINEERING. One hour per week, session.
Professors Jamieson, French and Sproule.

Text-book:—Mimeographed notes.

83. MECHANICS. (P. 194, C. 198). Two lectures and two hours problems per week.....Professors Jamieson and Dodd.

Text-books:—Poorman, Applied Mechanics (McGraw-Hill); MacInnes, Elements of Practical Mechanics (Van Nostrand).

Third Year.

86. MECHANICS. (P. 83, 198). Two lectures per week, first term.
Professor Wood.

Text-books:—Worthington, Dynamics of Rotation (Longmans Green); Poorman, Applied Mechanics (McGraw-Hill).

87. STRENGTH OF MATERIALS. (P. 83, 198). Two lectures per week, session .....Professors Brown and Jamieson.

Text-books:—Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko, Strength of Materials, Part I (Van Nostrand).

P—Prerequisite. C—Concurrent.

88. Strength of Materials Laboratory. (C. 87). Three hours per week, second term.....Professors Jamieson, Dodd and Wood.

89. Foundations. (C. 87). One lecture per week, session; three hours problems per week, second term.....Professor Dodd.

Text-book:—Jacoby and Davis, Foundations of Bridges and Buildings (McGraw-Hill).

90. Elem. Structural Design. (C. 87). One lecture and three hours problems per week, second term.....Professor Dodd.

Text-books:—Ketchum, Structural Engineer's Handbook (McGraw-Hill); Ketchum, Mill Buildings (McGraw-Hill); Bishop, Structural Drafting and Design of Details (Wiley); Voss and Varney, Architectural Construction, Vol. II, Book Two, Steel Construction (Wiley); Carnegie Pocket Companion.

92. Railway and Highway Engineering. (P. 83, 346, 347, 348). Two lectures and six hours laboratory, first term; one lecture and three hours laboratory, second term.....Professors French and Wood.

Text-books:—Allen, Railway Curves and Earthwork (McGraw-Hill); Williams, Design of Railway Location (Wiley); Tratman, Railway Track and Trackwork (McGraw-Hill); Bruce, Highway Design and Construction (Int. Textbook Co.).

97. Hydraulics. (P. 83). Two hours per week, first term.
Professor Brown.

Text-books:—Schoder and Dawson, Hydraulics (McGraw-Hill); Gibson, Hydraulics and its Applications (Constable).

98. Hydraulics Laboratory. (C. 97.) Three hours per week, first term .....Professor Wood.

82. Sanitary Science. Four hours per week, first term.
Dr. Macdonald.

Fourth Year.

94. Theory of Structures. (P. 87.)

One lecture and three hours problems per week, first term; two lectures and six hours problems per week, second term..Professor Jamieson.

Text-books:—Johnson, Bryan and Turneaure, Modern Framed Structures, Parts I and II (Wiley); Spofford, Theory of Structures (McGraw-Hill); Sutherland and Bowman, Structural Theory (Wiley).

P—Prerequisite. C—Concurrent.

95 and 95A. STRENGTH OF MATERIALS. (P. 87.) Two lectures per week, first term; one lecture and one drafting room period per week, second term.....Professors Brown and Jamieson.

Text-books:—Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko and Lessels, Applied Elasticity (W. T. N. S. Press); Taylor, Thompson and Smulski, Concrete, Plain and Reinforced, Vol. II (Wiley); Turneaure and Maurer, Principles of Reinforced Concrete Construction (Wiley); Hool and Johnson, Concrete Engineers' Handbook (McGraw-Hill); Hool and Pulver, Reinforced Concrete Construction (McGraw-Hill); Dean Peabody, Design of Reinforced Concrete Structures (Wiley); Standard Specifications for Concrete and Reinforced Concrete.

96. BRIDGE DESIGN. (P. 90, C. 94.) Two lectures and six hours drafting per week, session.....Professor Dodd.

Text-books:—Kirkham, Structural Engineering (McGraw-Hill); Ketchum, Structural Engineers' Handbook (McGraw-Hill); Shedd, Structural Design in Steel (Wiley).

96A. BRIDGE DESIGN. (P. 90, C. 94.) A somewhat briefer course than 96 .....Professor Dodd.

99. HYDRAULIC MACHINES. (C. 97.) Two hours per week, second term.....Professor Brown.

Text-book:—Creager and Justin, Hydro-Electric Handbook (Wiley).

100. HYDRAULICS AND LABORATORY. (P. 83.) One lecture per week and six laboratory periods, first term.....Professor Wood.

Text-book:—King and Wisler, Hydraulics (Wiley); Daugherty, Hydraulics (McGraw-Hill).

101. MUNICIPAL ENGINEERING. (P. 97, 98). Two lectures per week, session, three hours problems per week, second term.....Professor French.

Text-books:—Babbitt and Doland, Water Supply Engineering (McGraw-Hill); Metcalf and Eddy, Sewerage and Sewage Disposal (McGraw-Hill).

102. WATER SUPPLY AND SEWERAGE. (P. 82, 97, 98.)
Three lectures and six hours problems per week in second term.
Professor French.

Text-books:—As for Course 101.

103. WASTE DISPOSAL. (P. 82.) One hour per week, first term.
Professor French.

104. CIVIC ADMINISTRATION. One hour per week, first term.
Professor French.

P—Prerequisite. C—Concurrent.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Statically Indeterminate Stresses, Technical Elasticity, Secondary Stresses, Hydraulics, and Highway Engineering.

For particulars of these and the qualifications for entering the Graduate Faculty, see pages 409 and 433.

DRAWING AND DESCRIPTIVE GEOMETRY

Mechanical Drawing and Lettering directed by Department of Mechanical Engineering.

Descriptive Geometry directed by Department of Surveying and Geodesy.

First Year.

340. MECHANICAL DRAWING. Three hours per week.
Professor McCurdy and Mr. Arcand.

Text-book:—Book of Plates (obtainable at Bursar's Office).

341. DESCRIPTIVE GEOMETRY. Six hours per week.
Professor Weir and Mr. Arcand.

Text-books:—French, Engineering Drawing (McGraw-Hill); Armstrong, Descriptive Geometry (Wiley).

Second Year.

344. MECHANICAL DRAWING. (P. 340.) Three hours per week.
Professor McCurdy and Mr. Arcand.

Text-books:—Book of Plates; French, Engineering Drawing (McGraw-Hill).

P—Prerequisite.

DEPARTMENT OF ELECTRICAL ENGINEERING

PROFESSOR:—C. V. CHRISTIE

ASSOCIATE PROFESSOR:—G. A. WALLACE

ASSISTANT PROFESSOR:—E. G. BURR

LECTURERS:—W. H. SCHIPPEL, F. S. HOWES

111. ELEMENTS OF ELECTRICAL ENGINEERING. (P. 198, 315.) Two hours per week.....Professor Wallace.

Text-book:—Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

112. ELECTRICAL ENGINEERING LABORATORY. (C. 111.) Three hours per week.

Third Year.

113. ELECTRICAL ENGINEERING. (P. 198, 315.) Four hours per week. Professor Christie.

Text-book:—Christie, Electrical Engineering (McGraw-Hill).

114. ELECTRICAL ENGINEERING LABORATORY. (C. 113.)
Laboratory, six hours per week. Dr. Howes. Problems, six hours per week. .....Professors Wallace and Burr.

Fourth Year.

117. ELECTRICAL ENGINEERING. (P. 113, 114, 201.) Four hours per week .....Professor Christie.

Text-book:—Christie, Electrical Engineering (McGraw-Hill).

118. ELECTRICAL ENGINEERING LABORATORY. (P. 113, 114, C. 117.) Laboratory, nine hours per week.....Mr. Schippel.

120. ELECTRIC LIGHTING AND POWER DISTRIBUTION. Two hours per week, first term.....Professor Burr.

Text-book:—Standard Handbook for Electrical Engineers (McGraw-Hill).

121. ELECTRIC TRACTION. (C. 117.) Two hours per week, second term. Professor Wallace.

Text-book:—Standard Handbook for Electrical Engineers (McGraw-Hill).

P—Prerequisite. C—Concurrent.

122. Electrical Design and Problems. (P. 113, C. 117.) Lectures, one hour per week. Problem work, three hours per week, first term; six hours per week, second term.....Professor Christie and Mr. Schippel.

Text-book:—Gray, Electrical Machine Design (McGraw-Hill).

123. Applications of Electricity. (P. 113, C. 117.) Three lectures per week, second term.....Professor Burr.

124. Electrical Measurements and Laboratory. (P. 113.) Two lectures per week, first term. One laboratory period per week, session. Professor Wallace.

125. Thermionic Tube Theory and Applications. (P. 318, 113.) Two lectures and one laboratory period per week, first term....Dr. Howes.

Text-book:—Terman, Radio Engineering (McGraw-Hill).

126. Communication Engineering—Wire Communication. (P. 201, 113.) Two lectures per week, second term.....Professor Wallace.

127. Communication Engineering—Radio Communication. (P. 125.) Two lectures per week, second term.....Dr. Howes.

Courses for the Degree of Master of Engineering or Master of Science

Graduate courses are offered in Advanced Mathematics, Physics, Electrical Machine Design, Protection of Electrical Power Systems, Stability of Electrical Power Systems, Inductive Co-ordination of Power and Signal Systems, Electric Circuit Analysis, and Advanced Wire Transmission Theory.

For particulars of these and the qualifications for entering the Graduate Faculty, see pages 409 and 436.

ENGINEERING LAW AND ECONOMICS

Assistant Professor of Economics:—John Culliton

Lecturer in Engineering Law:—John P. Humphrey

Lecturer in Accountancy:—D. R. Patton

171. Elements of Political Economy. Two hours per week, second term.....Professor Culliton.

Text-book:—Clay, Economics for the General Reader (Macmillan).

172. (P. 171.) (a) Corporation Finance.....Mr. Patton.

(b) Canadian Economic Problems.....Professor Culliton.

Two hours per week, first term.

175. Engineering Law. One hour per week.....Mr. Humphrey.

P—Prerequisite. C—Concurrent.

ENGINEERING PRACTICE

A series of related courses designed to acquaint the student with the historical background of his profession, its relation to other professions and its place in the structure of modern society, the usage of English, both written and spoken, in engineering and business; methods of statistical analysis, etc. Frequent extra-curricular lectures are given by qualified speakers from other Faculties or from outside the University.

135. HISTORY OF SCIENCE. One hour per week, session.

136. ENGINEERING REPORTS. One hour per week, session.

137. ENGINEERING REPORTS. One hour per week, session.

138. ENGINEERING RELATIONS. One hour per week, session.

A bonus of 15 marks is granted to each student who successfully completes either 137 or 138; this bonus is considered in ranking students, but not in determining whether they have passed their years.

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSORS:— JOHN J. O'NEILL, R. P. D. GRAHAM, T. H. CLARK

ASSISTANT PROFESSORS:— J. E. GILL, F. F. OSBORNE

LEROY FELLOW:—.....

Third Year.

141. GENERAL GEOLOGY. (Arts and Science 1.)

Two lectures and two hours laboratory per week.—Professor Clark.

Text-books:—Longwell, Knopf & Flint, Physical Geology (Wiley); Schuchert and Dunbar, Historical Geology (Wiley).

142. MINERALOGY. (Arts and Science 5.) Two lectures per week. Professor Graham.

142A. MINERALOGY. (Chemical Engineers only). Two lectures per week .....Professor Graham.

143. DETERMINATIVE MINERALOGY. (Arts and Science 6.) Two laboratory periods, second term .....Professor Graham.

143A. DETERMINATIVE MINERALOGY. (Chemical Engineers only.) One laboratory period, first term.....Professor Graham.

Fourth Year.

146. PETROGRAPHY. (Arts and Science 10. P. 141.) One lecture, one laboratory period, first term; one laboratory period, second term.—Professors Graham and Osborne.

References:—Knopf, Rocks and Rock Minerals (Wiley); Smith, Minerals and the Microscope (Morby).

147. PRACTICAL AND FIELD GEOLOGY. (Arts and Science 7. P. 141.)

One lecture, one laboratory period, first term.....Professor Gill.

148. ORE DEPOSITS. (Arts and Science 8. P. 141, C. 147.) Four lectures per week, second term.....Professor O'Neill.

Text-books:—Lindgren, Mineral Deposits, (McGraw-Hill); Leith, Economic Aspects of Geology (Holt); Emmons, Geology of Petroleum (McGraw-Hill); Kemp, Ore Deposits of the U.S. and Canada (Scientific Pub. Co.); publications of the Geological Surveys of the U.S. and of Canada.

149. GEOLOGY OF CANADA. (Arts and Science 4. P. 141.) One lecture per week, first term.....Professor O'Neill.

153. FIELD WORK AND GEOLOGICAL MAPPING. (P. 141, 142, 143.) Professors Clark and Gill.

DEPARTMENT OF MATHEMATICS

PROFESSORS:—N. B. MACLEAN, C. T. SULLIVAN, W. L. G. WILLIAMS

ASSISTANT PROFESSORS:—F. M. WOOD, GORDON PALL

LECTURER:—CARLETON CRAIG

First Year.

191. TRIGONOMETRY AND MENSURATION. Two hours per week. Professors Jamieson and Wood and Mr. Craig.

Text-books:—Hall and Stevens, School Geometry, Part VI (Macmillan); Hall and Knight, Elementary Trigonometry (Macmillan); Murray, Spherical Trigonometry, (Longmans, Green); Mathematical Tables (Chem. Rubber Pub. Co.).

192. ALGEBRA. Three hours per week....Professors Williams and Pall.

Text-book:—Barnard and Child, A New Algebra, Vol. II. (Macmillan).

P—Prerequisite. C—Concurrent.

194. MECHANICS. Two hours per week.
Professor Brown, Professor Wood and Mr. Craig.

Text-book:—Mimeographed notes.

195. ANALYTICAL GEOMETRY. (C. 192.) Two hours per week.
Professors MacLean, Williams, and Pall.

Text-book:—Brown and Manson, Elements of Analytical Geometry. (Macmillan).

Second Year.

197. ALGEBRA. (P. 192.) First term, three hours per week.
Professors Williams and Pall.

Text-book:—As in 192.

198. CALCULUS. (P. 192.) First term, two hours per week; second term, four hours per week.....Professors MacLean and Williams.

Text-book:—Granville, Smith and Longley, Elements of the Differential and Integral Calculus. (Ginn).

Third Year.

201. DIFFERENTIAL EQUATIONS. (P. 198.) First term, three hours per week.....Professor MacLean.

Text-books:—Murray, Differential Equations (Longmans Green); Fry, Elementary Differential Equations (Van Nostrand).

DEPARTMENT OF MECHANICAL ENGINEERING

PROFESSORS:—C. M. McKERGOW, A. R. ROBERTS

ASSISTANT PROFESSORS:—J. A. COOTE, R. H. PATTEN, L. R. McCURDY

SHOP INSTRUCTOR:—F. G. CORRICK

Second Year.

218. MECHANICS OF MACHINES. (P. 191, 192, 194.) One lecture, one laboratory period, second term.....Professor Patten.

Text-book:—Guillet, Kinematics of Machines (Wiley).

P—Prerequisite. C—Concurrent.

Third Year.

223. MECHANICAL ENGINEERING LABORATORY. (C. 226.) Three hours per week.....Professor Patten.

Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

224. MECHANICS OF MACHINES. (P. 83, 218.) Alternative with Accounting (238). Three hours per week.....Professor McCurdy.

Text-book:—Ewing, Steam Engine (Longmans Green).

225. MACHINE DESIGN. (C. 87). Two hours per week.
Professor Roberts.

Text-books:—Berard and Waters, Machine Design, (D. Van Nostrand); McKay, Principles of Machine Design (Arnold); Kimball and Barr, Elements of Machine Design (Wiley).

226. MECHANICAL ENGINEERING. (C. 223.) Two hours per week.
Professor McKergow.

Text-book:—MacNaughton, Elementary Steam Power Engineering (Wiley).

227. MECHANICAL ENGINEERING. (C. 228.) Three hours per week.
Professor McKergow.

Text-book:—As for 226.

228. MECHANICAL ENGINEERING LABORATORY. (C. 226, 227.) Three hours per week.....Professor Patten.

Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

229. THERMODYNAMICS. (P. 198.) Two hours per week.
Professor Roberts.

Text-books:—Keenan & Keyes, Properties of Steam (Wiley); Moyer, Calderwood and Potter, Elements of Engineering Thermodynamics (Wiley); Kiefer and Stuart, Engineering Thermodynamics (Wiley).

231. MECHANICAL DRAWING. (C. 225, P. 344). Three hours per week, session.....Professor McCurdy.

Ref. books:—Berard and Waters, Machine Design (D. Van Nostrand); Haven and Swett, Design of Steam Boilers and Pressure Vessels (Wiley).

233. SUMMER SCHOOL. Introductory to courses 236 and 231. Four weeks in September, preceding the work of the Third Year.
Professor McCurdy and Mr. Corrick.

236. MACHINE SHOP. Three hours per week, session—Mr. Corrick.

P—Prerequisite. C—Concurrent.

237. INDUSTRIAL ENGINEERING. Two lectures per week, first term.
Professor Coote.

Text-book:—Kimball, Industrial Organization (McGraw-Hill).

238. ACCOUNTING. Alternative with 224. One lecture and one problem period per week.....Professor Coote.

Text-book:—Wade, Fundamentals of Accounting (Wiley).

Fourth Year.

240. MECHANICS OF MACHINES. (P. 224.) (a) *Valve gears and governors.*

(b) *Aerodynamics.* Three hours per week.
Professors McKergow and McCurdy.

Text-book:—Whitlock, Elementary Applied Aerodynamics (Oxford Press).

241. DESIGNING. (P. 225, 231, C. 242.) Three hours per week.
Professor Roberts.

242. MACHINE DESIGN. (P. 225, C. 241.) Two hours per week.
Professor Roberts.

Text-books:—Unwin, Machine Design, Parts I and II (Longmans Green); Kimball and Barr, Elements of Machine Design (Wiley); Faires, Machine Elements (Macmillan).

243. MACHINE DESIGN. (P. 225.) Optional for Electrical Engineering students. Two hours per week, second term.....Professor Roberts.

244. POWER PLANT DESIGN. (P. 227, C. 247.) One lecture and one drafting room period per week.....Professor McKergow.

Text-book:—Gebhardt, Steam Power Plant Engineering (Wiley).

247. HEATING AND VENTILATION OF BUILDINGS. (P. 227, C. 244.) One hour per week.....Professor McKergow.

Text-book:—Allen and Walker, Heating and Air Conditioning. (McGraw-Hill).

249. MECHANICAL ENGINEERING LABORATORY. (P. 227, 228.) Nine hours per week.....Professors Roberts and Patten.

Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

249A. MECHANICAL ENGINEERING LABORATORY. (P. 227, 228.) Required of students in Fourth Year Mechanical Engineering who take the Industrial Administration option. Two periods per week.

P—Prerequisite. C—Concurrent.

251. THERMODYNAMICS. (P. 228, 229.) Two hours per week.
Professor Roberts.

Text-books:—Kiefer and Stuart, Engineering Thermodynamics (Wiley); Goudie, Steam Turbines (Wiley).

252. MACHINE SHOP. (P. 236.) Three hours per week—Mr. Corrick.

253. INDUSTRIAL ENGINEERING. (P. 238.) Two lectures and one drafting room period per week, session.....Professor Coote.

Text-book:—Lansburgh, Industrial Management (Wiley).

254. INDUSTRIAL ADMINISTRATION. (C. 252.) One lecture and one drafting room period per week, second term.....Professor Coote.

257. EXPERIMENTAL ENGINEERING. (P. 227, 228, C. 249).) One hour per week.....Professor Roberts

Text-book:—Diederichs and Andrae, Experimental Engineering (Wiley).

258. INDUSTRIAL RELATIONS. Two lectures per week, first term.
Professor Coote.

Text-book:—Watkins, Labor Management (McGraw-Hill).

Summer Schools—see note (c), page 287.

Courses for the Degree of Master of Engineering or Master of Science

Graduate Courses are offered in Engineering Thermodynamics, Machine Design and Industrial Engineering. For particulars of these and qualifications for entering the Graduate Faculty, see pages 409 and 451.

P—Prerequisite. C—Concurrent.

DEPARTMENT OF MINING AND METALLURGICAL ENGINEERING

PROFESSORS:—{WILBERT G. MCBRIDE, JOHN W. BELL, J. U. MACEWAN}

ASSOCIATE PROFESSORS:—{GORDON ST. G. SPROULE, O. N. BROWN}

DOUGLAS RESEARCH FELLOW:—TAYLOR J. KENNEDY (1938-39)

DAWSON RESEARCH FELLOW:—BERNARD B. MOSS (1938-39)

MINING ENGINEERING

Third Year.

291. MINING ENGINEERING. Two lectures per week, first term. (See 297) .....Professor McBride.

292. ORE DRESSING. (C. 142, 226.) Two lectures per week, second term. (See 300).....Professor Bell.

295. CRUSHING MACHINERY. (C. 226.) This precedes course 292 Two lectures per week, first term.....Professor Bell.

Text-books:—Taggart, Handbook of Ore Dressing (Wiley); Peele, Mining Engineers' Handbook (Wiley); Lewis, Elements of Mining (Wiley).

Fourth Year.

293. MINE MAPPING. (P. 353, 354.) One afternoon per week, first half of first term.....Professor Brown.

297. MINING ENGINEERING. (C. 226, 291.) One lecture per week, first term and three per week in second..Professors McBride and Brown.

298. MINING DESIGN. (P. 111, 112, 226, C. 297, 300.) Two drafting-room periods per week, second term..Professors McBride, Bell and Brown.

300. ORE-DRESSING. (P. 292.) Two lectures per week, first term and one per week in second term.....Professors Bell and Brown.

301. MINING COLLOQUIUM. (C. 297, 300.) One hour per week, the second term, is given to papers on work done in the department and to other matters relating to mining and ore-dressing.

305. ORE-DRESSING LABORATORY. (P. 292, C. 300). (Metallurgical Engineers only). One afternoon per week, first term.

P—Prerequisite. C—Concurrent.

307. Ore-Dressing Laboratory and Thesis Work. (P. 264, 306.) One day and one afternoon per week, second term.

Text-books:—Hamilton, Manual of Cyanidation (McGraw-Hill); Rabone, Flotation Plant Practice (Mining Publications); Hager, Oil-field Practice (McGraw-Hill); Richards and Locke, Text Book of Ore Dressing (McGraw-Hill); Julian and Smart, Cyaniding Gold and Silver Ores (Griffin); Megraw, Details of Cyanide Practice (McGraw-Hill); Young, Working of Unstratified Mineral Deposits (Benn); Young, Elements of Mining (McGraw-Hill); Chapman and Mott, The Cleaning of Coal (Chapman & Hall); Bullman, The Working of Coal and Other Stratified Minerals (Benn); Baxter & Parks, Mine Examination and Valuation (Finnish Lutheran Book Concern); Year Book 1929, Coal Mine Mechanization (American Mining Congress); Weeks, The Ventilation of Mines (McGraw-Hill); Beards, Mine Gases and Ventilation (McGraw-Hill); Gaudins, Flotation (McGraw-Hill); Eaton, Practical Mine Development (McGraw-Hill).

RESEARCH FELLOWSHIPS AND GRADUATE COURSES

Courses are offered for graduate students in mining and ore-dressing. (See page 451.) There are three endowed Research Fellowships in the Department. These are assigned to graduates of the Department who show particular aptitude for advanced work.

FIELD SCHOOL IN MINING

294. (P. 141.) All students in Mining Engineering are required to attend the field class at the end of the Third Year.

The work is confined to an intensive study of one or more districts with possible visits to nearby districts. The student is guided by the staff and is required to work in a mine or ore-dressing plant for at least two months. He is also required to submit his notes and an essay on some phase of the work at the beginning of the Fourth Year.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Mining Engineering, Mine Organization and Management, Settling of Finely Divided Minerals in Water, Filtration in Ore-Dressing and Cyanidation, Cyanidation of Gold and Silver Ores, Theory and Practice of Flotation, Fine Grinding and Mine Ventilation.

For particulars of these and the qualifications for entering the Graduate Faculty, see pages 409 and 451.

P—Prerequisite. C—Concurrent.

METALLURGICAL ENGINEERING

Third Year.

261. ELEMENTARY METALLURGY AND LABORATORY. One lecture per week, session; one laboratory period per week, second term.

Professor Sproule.

Text-book:—Stoughton and Butts, Engineering Metallurgy (McGraw-Hill).

262. ELEMENTARY METALLURGY. Lectures as in 261, but without laboratory work. One lecture per week, session.....Professor Sproule.

263. FIRE-ASSAYING. (C. 264.) One lecture per week, first term.

Professor Sproule.

264. FIRE-ASSAYING LABORATORY. (C. 263.) One laboratory period per week, first term.....Professor Sproule.

Text-books:—Smith, Sampling and Assay of the Precious Metals (Griffin); Bugbee, Fire-Assaying (Wiley); Fulton and Sharwood, Manual of Fire-Assaying (McGraw-Hill).

265. METALLURGICAL CALCULATIONS. (C. 261.) One lecture per week, session .....Professor MacEwan.

Text-book:—Butts, Metallurgical Problems (McGraw-Hill).

266. PHYSICAL METALLURGY. One lecture and two hours laboratory per week, first term, for Mechanical Engineering students.

Professor Sproule.

268. METALLURGICAL FIELD SCHOOL. Held at the end of the Third Year; includes visits to metallurgical works in Montreal and vicinity, and to smelters, steel-works and metallurgical refineries within a reasonable distance of Montreal. Students are required to keep notes and to submit a written account of their observations at the beginning of the next term. The only expense is for board, lodging and railway fares; care is taken to keep these as low as possible.

At the close of the School it is usually possible for students to obtain suitable summer employment at one of the works visited, and they are strongly advised to obtain metallurgical experience thus.

Fourth Year.

271. METALLURGY (General). (P. 261 or 262.) Two lectures per week, session, and a few laboratory demonstrations.

Professors MacEwan and Sproule.

P—Prerequisite. C—Concurrent.

Text-books:—Boylston, Introduction to the Metallurgy of Iron and Steel, (Wiley); Stoughton, Metallurgy of Iron and Steel (McGraw-Hill); Liddell, Handbook of Non-ferrous Metallurgy (McGraw-Hill); "Metals and Alloys" Magazine (Chem. Catalog. Co.); Transactions and "Metal Progress" Magazine (Amer. Soc. for Metals).

272. METALLURGY (Advanced). (P. 261, 275.)
Four hours a week, second term.....Professor MacEwan.

Text-books:—Jeffries and Archer, Science of Metals (McGraw-Hill); Liddell & Doan, Principles of Metallurgy (McGraw-Hill); Hofman and Hayward, Metallurgy of Copper (McGraw-Hill); Hofman, Metallurgy of Lead (McGraw-Hill); Hofman, Metallurgy of Zinc and Cadmium (McGraw-Hill); Edwards, Frary and Jeffries, The Aluminum Industry (McGraw-Hill); Johnson, Principles, Operation and Products of the Blast Furnace (McGraw-Hill); Forsythe, The Blast Furnace and the Manufacture of Pig Iron (U.P.C. Book Co.).

274. METALLURGICAL LABORATORY AND THESIS. (P. 261, C. 271.) Three laboratory periods per week, second term.
Professors MacEwan and Sproule.

275. ELECTRO-METALLURGY. Three lectures per week, first term.
Professor MacEwan.

Text-books:—Stansfield, The Electric Furnace (McGraw-Hill); Electric Furnace for Iron and Steel (McGraw-Hill); Glasstone, Electro Chemistry of Solutions (Methuen).

277. METALLURGICAL COLLOQUIUM. One hour per week, second term.....Professors MacEwan and Sproule.

278. METALLURGICAL PROBLEMS AND DESIGN. (P. 265, C. 272). One lecture and one period per week in the library and drafting room, second term ..... Professor MacEwan.

279. METALLURGICAL ANALYSIS. (P. 59A). One laboratory period per week, first term.....Professors MacEwan and Brown.

280. METALLOGRAPHY. One lecture per week, session.
Professor Sproule.

Text-books:—Sauveur, Metallography of Iron and Steel (University Press); Gulliver, Metallic Alloys (Griffin).

281. METALLOGRAPHIC LABORATORY. One laboratory period per week, first term.....Professor Sproule.

P—Prerequisite. C—Concurrent.

283. METALLURGICAL CALCULATIONS. (P. 262, C. 271.) One lecture per week, session.....Professor MacEwan.

284. METALLURGICAL LABORATORY. One period per week, second term, arranged to illustrate 262 and 271.....Professor Sproule.

GRADUATE COURSE FOR AVIATION OFFICERS. A course dealing with the properties and treatment of metals and alloys is offered to Officers of the Royal Canadian Air Force. It is given in the first term and consists of lectures, oral instruction, directed reading and laboratory work.—Professor Sproule.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Advanced Metallurgy, Electro-Metallurgy, Metallurgical Analysis and Metallography. For particulars of these and the qualifications for entering the Graduate Faculty, see pages 409 and 453.

P—Prerequisite. C—Concurrent.

DEPARTMENT OF PHYSICS

PROFESSORS:—A. N. SHAW, L. V. KING, D. A. KEYS, J. S. FOSTER

ASSOCIATE PROFESSOR:—H. E. REILLEY

ASSISTANT PROFESSOR:—W. H. WATSON

LECTURER IN ASTRO-PHYSICS:—A. V. DOUGLAS

LECTURERS:—H. G. I. WATSON, F. R. TERROUX

DEMONSTRATORS:—(1937-38) C. A. HORTON, H. F. FEENY, D. SHUGAR, L. GELDART, D. B. SCOTT, K. G. McKAY, J. A. McCALLUM

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE

First Year (Architecture.)

GENERAL COURSE. (Arts and Science 1.) Three hours per week.—Professor Keys.

Text-book:—Mendenhall, Eve and Keys, College Physics (Heath).

LABORATORY COURSE. (Arts and Science 1.) Two hours per week.—Professor Keys and demonstrators.

Text-book:—An Elementary College Course in Experimental Physics. (Renouf Pub. Co.).

First Year.

311. HEAT, SOUND AND LIGHT. (Arts and Science 2.) (C. 312.) Three hours per week, consisting of two lectures and one tutorial class.....Professor Shaw.

Text-book:—Duncan & Starling, Heat, Light and Sound (Macmillan).

312. LABORATORY COURSE. (Arts and Science 2.) (C. 311.) Two hours per week.—Professor Keys and demonstrators.

Text-book:—Heat, Sound and Light Laboratory Manual. (Renouf Pub. Co.).

P—Prerequisite. C—Concurrent.

Second Year.

315. ELECTRICITY AND MAGNETISM. (Arts and Science 3A.) (C. 316.) (P. 311.) Two hours per week and one hour weekly voluntary tutorial class.—Professor Reilley.

Text-book:—Zeleny, Elements of Electricity (McGraw-Hill).

Reference book: Starling, Electricity and Magnetism (Longmans).

316. LABORATORY COURSE. (Arts and Science 3A.) (P. 311, C. 315.) Three hours per week.—Dr. H. G. I. Watson and demonstrators.

Text-books—Electricity and Magnetism Laboratory Manual (mimeographed).

Third Year.

318. ELECTRICITY. (Arts and Science 6C.) (P. 315.) Two hours per week; second term.....Professor Keys.

Text-book:—Crowther, Ions, Electrons and Ionizing Radiations (Arnold).

Fourth Year

320. APPLIED GEOPHYSICS. (Arts and Science 12, Graduates W.) Two hours per week, first term.....Professor Keys.

Text-book:—Eve and Keys, Applied Geophysics, 2nd edition (Cambridge).

Reference Book:—Ambronn, Elements of Geophysics, (McGraw-Hill).

For Graduate Courses in Physics see page 456.

COURSE IN ENGINEERING PHYSICS

This course is intended to train men for research or academic positions. Subject to the approval of the Heads of the Departments of Electrical Engineering and Physics, it is available to

(1) students in the Faculty of Arts and Science entering their third year who have satisfactorily completed the second year Honour Course in Mathematics and Physics.

and (2) students in Engineering who have completed the first and second years with first or second class standing in Mathematics and Physics.

The numbers of the courses below refer to the Physics syllabus given on page 212.

P—Prerequisite. C—Concurrent.

Third Year.

Mathematics. 6 & 7.
Physics. 5A (or 10), 5B, 6B (or 8B).
Electrical Engineering. 113, 114.

Fourth Year.

Mathematics. 10 or 11.
Physics. 6A, 7A, 7B, 8A, and 8B (or 6B), 9, 10 (or 5A).
*Summer Thesis or Shop Work.

The student may now receive the B.Sc. degree with Honours in Mathematics and Physics. In his fifth year he may either proceed towards the M.Sc. degree taking some of the fourth-year Electrical Engineering courses as advised by the Heads of the Departments of Physics and Electrical Engineering; or, if he has completed the first and second years in Engineering, he may proceed to the degree of Bachelor of Engineering in Electrical Engineering, taking such subjects of the third and fourth year courses in Engineering as are approved by the Faculty of Engineering.

DEPARTMENT OF SURVEYING AND GEODESY

ASSOCIATE PROFESSORS:—A. J. KELLY, JAMES WEIR

LECTURER—L. J. ARCAND

Second Year.

346. SURVEYING. (P. 191.).....Professor Kelly.
Text-book:—Davis, Foote and Rayner, Surveying (McGraw-Hill).

347. FIELD WORK.

348. MAPPING.

Third Year.

351. MAP PROJECTIONS.....Professor Weir.
Text-book:—Hinks, Map Projections (Cambridge Univ. Press).

352. SURVEYING. (P. 346, 347.).....Professor Kelly.
Text-books:—Davis, Foote and Rayner, Surveying (McGraw-Hill); Durham, Mine Surveying (McGraw-Hill).

353. SURVEYING. (P. 346, 347.).....Professor Weir.
Text-books:—Breed and Hosmer, Principles and Practice of Surveying, Vol. II, 5th Edition (Wiley); Hosmer, Practical Astronomy (Wiley).

354. FIELD WORK. (P. 346, 347.)

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*This is required in the case of students proceeding later to the degree of B. Eng.

P—Prerequisite. C—Concurrent.

Fourth Year.

359. GEODESY. (P. 353.) .....Professor Weir.

Text-book:—Hosmer, Geodesy (Wiley).

361. FIELD WORK. (P. 353, 354.)

360. GEODETIC LABORATORY. (C. 359.)

FIELD WORK

Field work is required of all students entering the Second Year, of students entering the Third Year in the courses in Civil and in Mining Engineering, and of students entering the Fourth Year course in Civil Engineering. The work will begin in 1939 on April 27th and will continue for four weeks.

Students entering Second and higher Years from other Universities or from other Faculties, who cannot attend the above courses in Field Work, must attend Special Summer Schools, details of which are given on page 287.

DEPARTMENT OF PHYSICAL EDUCATION

DIRECTOR:—ARTHUR S. LAMB

UNIVERSITY MEDICAL OFFICER:—F. G. PEDLEY

ATHLETICS MANAGER:—D. S. FORBES

ASSISTANT PHYSICAL DIRECTORS:—F. M. VAN WAGNER, HAY FINLAY

At the time of his medical examination (see page 148), each student is asked to fill in a card indicating his choice of physical activity, which he will be allowed to follow unless debarred for medical reasons, in which case he is given a further choice among other recognized but less strenuous forms of exercise or does gymnasium work as the case may require.

Physical Education is compulsory for all students of the first two years. Two hours per week are devoted to it.*

*NOTE:—Owing to lack of accommodation this requirement is suspended for the session 1938-39.

P—Prerequisite. C—Concurrent.

Any student participating in competitive athletics may be excused from other forms of exercise during the season of training at the option of the Director.

Not less than one month before the conferring of degrees, the Director furnishes to the Registrar of the University, for transmission to Senate and the Faculty, a list of all students, being candidates for degrees at the forthcoming Convocation, who have failed to satisfy the requirements of the Committee on Physical Education, and no Diploma for a degree is issued to any such candidate except by express direction of Senate.

No student in default is allowed to proceed to the next year of his course unless exemption is granted for special reasons on the recommendation of the Faculty and approved by the Committee on Physical Education.

All students in good standing, who are taking a course of study held to be sufficient by a special committee of the Faculty in which they are enrolled, are allowed to take part in athletics, subject, however, to the general regulation regarding medical examination.

Suspension from lectures, or absence from more than one-eighth of the total number of lectures in any course, is sufficient to disqualify a student from engaging in athletic contests.

During the session and the Christmas holidays, all teams and individual students *desiring to participate in "outside athletics"*† must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletics Manager, by whom all such sanctions are granted.

Any student who takes part in any athletic contest which has not been sanctioned, or who fails to comply with the regulations concerning eligibility, medical examination, etc., is immediately debarred from participation in any University athletics for two months from the date of his offence. The Athletics Board may, if it sees fit, report the matter through the proper channels to the Principal for appropriate disciplinary action.

(For further regulations see handbook published by the Athletics Board.)

†"Outside Athletics" are athletics not under the control of the Athletics Board of the University or of the Intercollegiate Athletic Union.

REGULATIONS CONCERNING PREREQUISITE SUBJECTS, STANDING AND PROMOTION

(1) Students proceeding to a degree are classed as Undergraduates or Conditioned Undergraduates. Undergraduates are those who, having passed all entrance requirements, have also at the close of any session passed the examinations in all the subjects of their course, or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the subjects in which they had failed. Conditioned Undergraduates are those who have failed to remove all of their conditions as above.

(2) No student proceeding to a degree is allowed to take any subject unless he has previously passed, or secured exemption in, all prerequisite subjects.

(3) No undergraduate conditioned in any entrance requirement is permitted to register for any Second Year course nor is any undergraduate conditioned in any First or Second Year subject permitted to register for any Third or Fourth Year courses.

(4) Conditioned Undergraduates proceeding to a degree must follow a course of study approved by the Faculty on the recommendation of the Committee on Registration, Standing and Promotion. They may be required to repeat subjects in which they have passed, but in which their standing has been low.

(5) Partial students are those who are not proceeding to a degree. Such students may be admitted to classes without regard to the prerequisite rule, provided that they have obtained the permission of the head of each department concerned, and that their courses are approved by the Committee on Registration, Standing and Promotion.

(6) If a partial student wishes to obtain undergraduate standing in order to proceed to a degree, he will not be given credit for subjects taken in contravention of the prerequisite rule, until he has also passed examinations or secured exemptions in such prerequisites as may be demanded by the Committee on Registration, Standing and Promotion, and, on the recommendation of this Committee, has had his case approved by a unanimous vote of the Faculty.

(7) Partial students are not eligible to take supplemental examinations.

(8) No Fourth Year student is allowed a supplemental or special supplemental examination in any subject in the period between the opening of the second term and the date of Convocation.

FACULTY OF MEDICINE

The one hundred and sixth session of the Faculty will open on August 31st, 1938 for students of the first, second and third years, and on September 14th for students of the fourth and fifth years.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization. Candidates without a degree should have at least three years of college work.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—
(a) One full course of General Chemistry with laboratory work.
(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong (for further particulars see "Requirements for Licence to Practise," p. 334).

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than March 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Associate Dean of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Associate Dean of the Faculty an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students entering the first, second and third years of the Faculty of Medicine for the session 1938-39 will register at the Registrar's Office on August 29th and 30th, 1938. Those in other years will register on September 6th to September 13th, 1938. Those who register after August 30th and September 13th, respectively, will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

HEALTH SERVICE

See page 148.

FEES

TUITION FEES:

1. Annual undergraduate fee for British students $360.00
   By instalments: Each of two instalments 182.50
   Annual undergraduate fee for Non-British students 460.00
   By instalments: Each of two instalments 232.50
2. Undergraduates repeating a year pay one half the regular tuition fee. This includes dissecting material, chemical reagents, laboratories, etc.
3. Qualified partial students are admitted to one or more courses on payment of special fees.
4. The fee for the graduate course in Public Health, including laboratory and outdoor work, is $150.00 for British and $200.00 for Non-British students.

SPECIAL UNIVERSITY FEES:

5. Late registration, after August 30th or September 13th..... $ 5.00
   Late registration, after September 6th or 20th..... 10.00
   Late payment fee 2.00
   Fine for late medical examination (see page 148).....$5.00 or 10.00
   Supplemental Examinations, each paper 10.00
   Receipts for supplementals must be shown to the Dean's Office before the examination.
   Duplicate graduation diploma 10.00
   Certified copy of student's record 1.00
   Conferring degree *in absentia* 10.00
   Ad eundem fee for students from another university entering any year above the First 10.00
6. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

STUDENTS' ACTIVITIES:

7. A sessional fee of $21.00 is payable by all men undergraduates and $16.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.
8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $10.50 is charged for men students and $8.50 for women students.

GENERAL REGULATIONS:

9. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m. and 2.30 p.m. to 4 p.m. on the following dates:—

   First, Second and Third year Students—Monday, August 29th to Wednesday, August 31st.

   Upper Years—Tuesday, September 6th to Tuesday September 13th.

   or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 9.

11. Immediately after the prescribed dates for the payment of fees the Bursar will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

12. All fees are payable in Canadian currency.

13. Domicile will in general determine whether a student pays the British or Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

UNIVERSITY LOAN FUND

A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made only to students with good academic standing. (See page 119).

For further particulars students should consult the Dean of the Faculty.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:— 2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

STUDENTS' EXPENSES

1. BOARD AND RESIDENCE

See page 160.

2. ESTIMATED ANNUAL EXPENSES

	British	Non-British
Tuition Fees	$360.00	$460.00
Fee for Athletics, Union, etc.	21.00	21.00
Caution Money Deposit	10.00	10.00
Board and Lodging	300.00	300.00
Books, Instruments, etc.	154.00	154.00
	$845.00	$945.00

It will be noted that in the above estimate no account is taken of personal expenses, such as cost of clothes, laundry, etc. Students are advised also to reckon on at least $20.00 to $25.00 per annum for subscriptions of various kinds.

COURSE AND EXAMINATIONS FOR THE M.D., C.M. DEGREE

THE NEW REGULATIONS

Beginning with the class of students entering the first year in September, 1936, the course in the Faculty of Medicine has been reorganized. The new regulations provide that:

> The minimum period of professional training required by the University as a qualification for the independent practice of medicine shall be five years, including—
>
> *(a)* **Four years of medical study in the University** leading to the degree of M.D., C.M.; and
>
> *(b)* One year of interneship in an approved hospital, *or* one year of further medical study in the Faculty of Medicine of McGill University or in another medical school approved by it.

In the four-year medical course the session is nine months, extending from the first week in September until the last week in May, with two weeks' vacation at Christmas and one week at Easter, thus covering thirty-six weeks.

The fifth year of training, which is required before licence in all Canadian Provinces and in 19 States of the Union, will be post-graduate, so that those who choose to devote it to interneship will enter the hospital with all the advantages that accrue from the possession of a medical degree.

On the other hand, those who prefer to enter upon advanced studies along medical lines may register as graduate students in this Faculty or in any medical school approved by it. This provision will, for example, permit graduates to devote the fifth year to study in preparation for a British qualification.

On the satisfactory conclusion of the year of interneship or of advanced study the Faculty will issue to the graduate a certificate that he has satisfied the University requirements and is eligible to present himself for the examination of a licensing board.

The arrangement of the major subjects of instruction in the new course is as follows:

First Year:

Anatomy, Histology and Embryology, Physiology.

Second Year:

Anatomy, Physiology, Biochemistry, Pharmacology, General Pathology, Bacteriology, Medicine, Surgery, Obstetrics.

Third Year:

Special Pathology, Public Health, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Mental Hygiene, Psychiatry, Therapeutics, Ophthalmology, Otolaryngology.

Fourth Year:

Pathology, Bacteriology and Immunology, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Ophthalmology, Otolaryngology.

THE OLD REGULATIONS

Students registered in the Faculty of Medicine previous to the session 1936-37 and those entering the fourth or fifth years with advanced standing will continue their course under the old regulations.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least six terms of clinical instruction.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least four terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations,* i.e., examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examinations in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination in the 3rd and an oral examination at the end of the 4th year. Written examinations in Therapeutics and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Oto-Laryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examina-

tion in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

NOTE:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A=Excellent
B=Good
C=Fair
D=Doubtful
E=Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final Examination, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, BURSARIES, MEDALS, PRIZES, AND LOAN FUNDS

Details of fellowships, scholarships, bursaries, medals and prizes open to undergraduate and graduate students in Medicine will be found on pages 108 to 147.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires Canadian students to register with the licensing body of their home province before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. E. Laberge, 1896 Dorchester St. West, Montreal.

ONTARIO—Dr. Robert T. Noble, 566 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 275 Richmond St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnson, Calgary, Alta.

SASKATCHEWAN—Dr. J. G. K. Lindsay, 307 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. J. MacLachlan, 203 Medical-Dental Building, Vancouver, B.C.

The Registrar for Newfoundland is Dr. C. Macpherson, St. John's Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—C. P. MARTIN.

PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON

ASSISTANT PROFESSOR OF ANATOMY:—H. D. O'BRIEN

ASSISTANT PROFESSOR OF HISTOLOGY:—H. SELYE

LECTURER IN HISTOLOGY:—A. J. DALTON

SENIOR DEMONSTRATOR IN ANATOMY:—D. S. FORSTER

DEMONSTRATORS IN ANATOMY:—F. S. DORRANCE, G. A. HOLLAND, J. C. LUKE, H. S. MORTON, A. M. VINEBERG, E. WORKMAN

DEMONSTRATORS IN HISTOLOGY:—J. R. DEAN, E. WORKMAN

TEACHING FELLOWS IN ANATOMY:—F. L. MCNAUGHTON, D. H. BLACK

ANATOMY

Required Courses

1. **Course in Gross Anatomy. First Year.**

Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms.

2. **Course in Neuro-Anatomy. Second Year.**

Six hours per week lectures and laboratory work in Neuro-Anatomy and the Anatomy of the Special Sense Organs during the Autumn and Winter terms.

3. **Course in Applied Anatomy. Third Year.**

One hour per week lectures and demonstration during Winter and Spring terms. This course is conducted mainly by clinicians from the Royal Victoria and Montreal General Hospitals.

Text-books:—Gray's "Anatomy" (English Edition) or Cunningham's "Text-Book of Anatomy".

Practical Manuals:—Cunningham's "Manual of Practical Anatomy"; Johnston's "Synopsis of Regional Anatomy".

Optional Texts:—Quain, Piersal, Spalteholz Atlas, Fraser's "Anatomy of the Human Skeleton", Buchanan, Frazer and Robbins.

Group Classes in Osteology are conducted weekly by the Demonstrators throughout the First Year Course.

Elective Courses

The Department provides, as far as material will permit, facilities for advanced work or revision. The Head of the Department should be consulted by anyone wishing to undertake work of this nature.

4. Course in Physical Anthropology.

Three hours lecture and laboratory per week for two terms on the Comparative Anatomy of the Human Skeleton, Fossil Man, and the Ancestral History of Man as far as it may be inferred from fossil remains.

MICROSCOPIC ANATOMY

Required Courses

5. Histology. First Year.

The study of the histological structure of the body with the exception of the central nervous system and the special sense organs. Three hours lectures and six hours laboratory work per week during Autumn and Winter terms.

6. Neuro-histology. Second Year.

In this course the histology of the central nervous system and the special sense organs will be taken up. It will be arranged to correlate with, and form part of, the course in Neuro-Anatomy (Anatomy 2) in the Winter term.

Text-books:—Maximow and Bloom, "Histology"; Ranson, "Anatomy of the Nervous System".

Optional Texts:—Histology—Cowdry, Lewis and Bremer, Jordan, Bailey, Shaefer; Neuro-histology—Villiger.

EMBRYOLOGY

Required Courses

7. The Study of Human Developmental Anatomy.

Three hours lecture and laboratory work per week during Winter (2nd half) and Spring terms.

Text-book:—Arey, "Developmental Anatomy".

Optional texts:—Jordan, Simkins, Bailey and Millar, Keith, Fraser.

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT

RESEARCH PROFESSOR:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURERS:—S. DWORKIN, D. A. ROSS

TEACHING FELLOW:—W. H. JOHNSON

Required Courses

1. First Year Lectures.

Monday, Wednesday, Friday, at 9; from the beginning of September to the end of May.

1A. First Year Laboratory.

Six hours a week, Winter Term.

2. Second Year Lectures.

Tuesday, Thursday, Saturday, at 9. Autumn Term.

2A. Second Year Laboratory (Mammalian).

Eight hours a week. Autumn Term.

Text-books:—

Systematic Physiology—Human.

Winston and Bayliss, Human Physiology; Halliburton and McDowall, Handbook of Physiology; Howell, Textbook of Physiology; Starling (and Evans), Human Physiology; Roaf, Textbook of Physiology; MacLeod (and Bard), Physiology in Modern Medicine.

Clinical Physiology.

Samson Wright, Applied Physiology; McDowall, Clinical Physiology; Wiggers, Physiology in Health and Disease; Best and Taylor, Physiological Basis of Medical Practice.

Laboratory Manuals (requisite).

Sharpey-Schafer, Experimental Physiology; Sherrington and Liddell, Mammalian Physiology.

Other Courses

(Available only for students who have obtained Honours in the Required Courses, and by application to the Head of the Department).

3. Advanced Lectures.

3A. Advanced Laboratory.

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

GILMAN CHENEY PROFESSOR AND HEAD OF THE DEPARTMENT:—
J. B. COLLIP

PROFESSOR:—D. L. THOMSON

LECTURERS IN PATHOLOGICAL CHEMISTRY:—J. S. L. BROWNE, E. H. MASON, I. M. RABINOWITCH

LECTURER:—O. F. DENSTEDT

The Department offers, in addition to the required lecture and laboratory course, an elective course in Endocrinology; other courses are described on pages 175 and 428.

1. General Physiological Chemistry:

(a) Lectures: Monday, Wednesday, Friday at 9.

(b) Laboratory: Six hours weekly, Monday morning and Thursday afternoon, or Tuesday afternoon and Friday morning.

Text-books:—Bodansky, "Introduction to Physiological Chemistry" (Wiley); Cameron, "Text-Book of Biochemistry". (Macmillan); Cameron and Gilmour, "Biochemistry of Medicine" (Churchill); Wright, "Applied Physiology" (Oxford Univ. Press). A synopsis of the laboratory course is issued by the Department.

This course is given in the Autumn and Winter terms.

2. Endocrinology:

Lectures: Monday, Friday at 2.

Text-book: — Cameron, "Recent Advances in Endocrinology" (Blakiston).

PATHOLOGY

STRATHCONA PROFESSOR:—.....

PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—.....

CURATOR OF MUSEUM:—W. H. CHASE

Required Courses

I. Didactic Lectures.

A1. General Pathology and Pathological Anatomy.

Two lectures (with epidiascope demonstrations) a week.
Autumn Term—Tuesday and Thursday, 4 p.m.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.....Professor.....

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.

One lecture with epidiascope demonstrations a week.
Autumn Term—Friday, 4 p.m.
Winter and Spring Terms—Wednesday, 4 p.m.
Pathological Institute.....Professor.....

B2. Diseases of the Blood Forming Organs.

One lecture a week. Autumn Term—Monday, 4 p.m.
Pathological Institute.....Professor Waugh.

B3. Pathological Anatomy of the More Important Ductless Glands.

One lecture a week. Winter Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Chase.

B4. Pathological Anatomy of the Nervous System.

One lecture a week. Spring Term—Tuesday, 4 p.m.
Pathological Institute.....Dr. Cone.

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.
Winter and Spring Terms—Tuesday and Thursday, 2 p.m.
Pathological Institute, Professor ————, Dr. Chase and Demonstrators.

B5. Laboratory Course in Special Pathological Anatomy and Histology.

Four hours weekly.
Winter and Spring Terms—Monday and Friday, 4 p.m.
Pathological Institute.
Professor Waugh, Dr. Chase and Demonstrators.

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).
Autumn, Winter and Spring Terms—Saturday morning, 11-12.30.
Pathological Institute.....Professor.....

C1. Performance of Autopsies—Group Instruction.
Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute.....Dr. Chase and Demonstrators.
Montreal General Hospital.....Professor Rhea and Demonstrators.

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh.

C2. Methods of Post-Mortem Examination (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged.
Pathological Institute.....Dr. Chase.

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.
Autumn, Winter and Spring Terms—Wednesday, 3 p.m.
Pathological Institute.....Professor Waugh.

Reference Books:—Oertel, Outlines of Pathology (Renouf); Oertel, Special Pathology of Circulatory, Respiratory, Renal and Digestive Systems (Renouf); Muir, Textbook of Pathology (Arnold); Virchow, Cellular Pathology (transl. by Chance); Cohnheim, Lectures on General Pathology (New Sydenham translation); Wilks and Moxon, Lectures on Pathological Anatomy (Churchill); Coats, Manual of Pathology (Longmans, Green); Virchow, Post Mortem Examinations (transl. by J. P. Smith, Churchill); Coman, Technique of Post Mortem Examination (Renouf).

BACTERIOLOGY AND IMMUNITY

PROFESSOR:—E. G. D. MURRAY
ASSOCIATE PROFESSOR:—FREDERICK SMITH
ASSISTANT PROFESSOR:—T. E. ROY
LECTURER:—C. D. KELLY
DEMONSTRATORS:—D. H. STARKEY, N. W. McLELLAN, R. P. DOW
TEACHING FELLOW:—W. H. MATHEWS

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Pathological Institute).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty-two lectures and 63 hours practical work. Third Term. Available to medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology and Biochemistry; also to students in their third year in Arts and Science reading for the B.Sc. Honours in Bacteriology, and to Graduate Students.

Course 2. Applied Medical Bacteriology and Immunity and the Processes of Infectious Diseases.

20 Lectures and demonstrations. First and Second Terms. Available to Medical Students who have completed two years of clinical work and satisfied the Examiners in Course 1.

Course 3. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year). 160 lectures and 852 hours practical work.

(Full details of the courses can be obtained by application to the Registrar).

Text-books:—Hans Zinsser and G. Bayne-Jones, Textbook of Bacteriology (Appleton); R. Muir and J. Ritchie, Manual of Bacteriology (Oxford University Press); R. T. Hewlett and James McIntosh, Manual of Bacteriology (Churchill); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere Tindall & Cox); W. H. Park and A. W. Williams, Pathogenic Micro-Organisms (Lea & Febiger); Hans Zinsser, Resistance to Infectious Diseases (Macmillan); W. W. C. Topley and G. S. Wilson, The Principles of Bacteriology and Immunity (Edward Arnold & Co.); W. W. C. Topley, An Outline of Immunity (Arnold); M. Langeron, Precis de Microscopie (Masson & Cie); A. Calmette, L. Negri and A. Boquet, Manuel Technique de Microbiologie et Serologie (Masson & Cie); D. H. Bergey, Manual of Determinative Bacteriology (Williams & Wilkins). E. O. Jordan, Textbook of General Bacteriology (Saunders); Frederick P. Gay, Agents of Disease and Host Resistance (C. C. Thomas).

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; Parasitology; Mycology; Pharmacology.

Fourth Year—Bacteriology Course 3.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

STRATHCONA PROFESSOR AND HEAD OF THE DEPARTMENT:—
GRANT FLEMING

ASSOCIATE PROFESSOR:—R. ST. J. MACDONALD

ASSISTANT PROFESSOR (MENTAL HYGIENE):—W. T. B. MITCHELL

ASSISTANT PROFESSOR:—FRANK G. PEDLEY

DEMONSTRATOR (MENTAL HYGIENE):—BARUCH SILVERMAN

DEMONSTRATOR:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the in-

dividual's development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the final year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
   Spring term.....Professors Fleming and Mitchell.
2. **Public Health Organization and Administration.** (Including related community services).
   Spring term.....Professors Fleming, Macdonald and Dr. Silverman.
3. **Mental Hygiene.**
   Autumn term.....Professor Mitchell.
4. **Practice of Preventive Medicine.**
   Winter term.....Professors Fleming, Macdonald and Pedley.
5. **Demonstrations.**
   Winter term.
6. **Communicable Disease Control.**
   Autumn term ..... Professors Fleming and Macdonald.
7. **Health Study of a City or Town.**
   To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Mustard; Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

ASSISTANT PROFESSOR OF PHARMACOLOGY:—K. I. MELVILLE

LECTURERS IN THERAPEUTICS:—D. GRANT CAMPBELL, W. DE M. SCRIVER

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

LECTURER IN PHARMACOLOGY:—A. M. FRASER

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.
   Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.
   The conference groups are limited to four students each.
   Professors Stehle and Melville.

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.
   Two periods (six hours) a week during the Spring Term.
   Professors Stehle and Melville.

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine.

Required Courses

3. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.
   Dr. Scriver.

4. **Therapeutics:** Didactic Instruction. A series of 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

4a. Therapeutics: Theatre Lectures. Fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates.

Text-books in Pharmacology. Cushny, Sollmann, Meyer and Gottlieb, Clark. *Text-book in Therapeutics.* Beckman.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See page 455.

MEDICINE

PROFESSOR AND HEAD OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSOR:—A. H. GORDON

ASSOCIATE PROFESSORS:— E. H. MASON, I. M. RABINOWITCH

ASSISTANT PROFESSORS:— C. C. BIRCHARD, J. S. L. BROWNE, J. KAUFMANN, D. S. LEWIS, C. F. MOFFATT, LORNE MONTGOMERY, J. B. ROSS

LECTURERS:— C. R. BOURNE, G. R. BROW, J. G. BROWNE, J. R. BYERS, D. G. CAMPBELL, KEITH GORDON, R. H. M. HARDISTY, A. T. HENDERSON, J. F. MCINTOSH, D. W. MCKECHNIE, E. S. MILLS, W. DE M. SCRIVER

DEMONSTRATORS:— L. J. ADAMS, GORDON A. COPPING, W. W. EAKIN, NEIL FEENEY, A. F. FOWLER, C. W. FULLERTON, C. R. JOYCE, W. R. KENNEDY, H. E. MACDERMOT, J. F. MACIVER, J. WENDELL MACLEOD, J. L. D. MASON, D. L. MENDEL, E. V. MURPHY, E. E. ROBBINS, H. N. SEGALL, COLIN SUTHERLAND, G. D. TAYLOR, C. J. TIDMARSH, R. VANCE WARD

ASSISTANT DEMONSTRATORS:— MARGARET E. B. CAMERON, W. C. GOWDEY, A. R. HALL, HOWARD S. MITCHELL, S. ORTENBERG, F. MCIVER SMITH

PSYCHIATRY

CLINICAL PROFESSOR:—C. A. PORTEOUS

DEMONSTRATORS:— { G. E. REED; B. SILVERMAN; C. H. SKITCH }

DERMATOLOGY

CLINICAL PROFESSORS:— { P. BURNETT; J. F. BURGESS }

DEMONSTRATORS:— { L. P. EREAUX; B. USHER; F. E. CORMIA }

ASSISTANT DEMONSTRATOR:—DONALD S. MITCHELL

CLINICAL THERAPEUTICS

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

LECTURERS IN THERAPEUTICS:— { D. GRANT CAMPBELL; W. DE M. SCRIVER }

LECTURER IN PHYSIO-THERAPY:—NORMAN BROWN

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professor Meakins and Assistants.

2. Courses of lectures will be given in Psychiatry and Therapeutics on two afternoons a week during the autumn and winter terms.

3. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Gordon, and Assistants.

4. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the spring term (16 weeks) of the second year and will occupy two periods a week of two hours each, from 10.15 to 12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

5. A course in clinical microscopy will be given in the winter term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Medical Building. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine. Dr. Kaufman and Assistants.

6. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students of the third year at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9 a.m. to 3.45 p.m.

Professors Meakins, Gordon and Assistants.

7. A clinical course in Mental Medicine will be given in the autumn, winter and spring terms. This course will have the following divisions:

(a) Theatre clinics and bedside clinics on neuroses, psychoses and border line cases during the final year at the Royal Victoria and Montreal General Hospitals.

(b) One period a week during one term will be devoted to clinical demonstrations in Mental Hygiene at the Mental Hygiene Institute.....Professor W. T. B. Mitchell and Assistants.

(c) A certificate of one week's attendance at a Mental Hospital and the submission of three case reports. The attendance may be at any hospital approved by the department.

8. A clinical course in dermatology will be given in the autumn, winter and spring terms of one period a week at the Royal Victoria and Montreal General Hospitals.....Drs. Burnett and Burgess.

9. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

10. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged. Drs. Lewis and Brown.

11. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians on their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

12. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease. Dr. Brown.

13. **Therapeutics:** A series of ten evening lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having a special interest in the various topics, and will be open to students and graduates.

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

Clinical Methods and Physical Diagnosis:—Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Major, "Physical Diagnosis; Murray, "Examination of the Patient"; Gradwohl, "Clinical Laboratory Methods and Diagnosis"; Hutchison and Hunter, "Clinical Methods"; Cabot, "Physical Diagnosis"; Department of Medicine, McGill University, "Guide to Medical Case Reporting".

General Medicine:—McLeod, "Physiology in Modern Medicine"; Best and Taylor, "Physiological Basis in Medical Practice"; Meakins, "Practice of Medicine"; Cecil," Text Book of Medicine"; Davis, "Cyclopedia of Medicine"; Rolleston, "The British Encyclopaedia of Medical Practice"; Lewis, "Diseases of the Heart"; White, "Heart Disease"; Norris and Landis, "Diseases of the Chest"; Eusterman and Balfour, "Stomach and Duodenum"; Hurst and Stuart, "Gastric and Duodenal Ulcer"; Joslin, "Diabetic Manual"; "Treatment of Diabetes Mellitus"; McLester, "Nutrition and Diet in Health and Disease"; Lusk, "Science of Nutrition"; Peters and Van Slyke, "Quantitative Clinical Chemistry", Vol. 1, Interpretations; DuBois, "Basal Metabolism in Health and Disease"; Kurzrok, "The Endocrines in Obstetrics and Gynaecology"; Clendening, "Methods of Treatment"; "Pharmocopoea of the Teaching Hospitals".

Psychiatry:—White, "Outlines of Psychiatry"; Henderson and Gillespie, "A Text of Psychiatry" (1936); Bernard Hart, "The Psychology of Insanity".

Neurology:—Brock, "The Basis of Clinical Neurology"; Cobb, "A Preface to Nervous Diseases"; Grinker, "Neurology".

Dermatology:—Walker's "Introduction to Dermatology"; MacLeod, "Diseases of the Skin"; Sutton and Sutton, "Diseases of the Skin"; Ormsby, "Diseases of the Skin".

PÆDIATRICS

PROFESSOR:—R. R. STRUTHERS

ASSISTANT PROFESSOR:—S. GRAHAM ROSS

LECTURERS:— A. GOLDBLOOM, L. LINDSAY, H. P. WRIGHT

DEMONSTRATORS:— A. K. GEDDES, ALAN ROSS, JESSIE BOYD SCRIVER

ASSISTANT DEMONSTRATORS:— H. L. BACAL, P. N. MACDERMOT, S. J. USHER

Required Courses

1. **Lecture Course:** A series of thirty clinical lectures on pædiatrics. Once a week during the Autumn, Winter and Spring terms (as announced) at the Medical Building or at the Children's Memorial Hospital.

   Professor Struthers and Assistants.

2. **Infectious Diseases:** A series of demonstrations to groups of students on the ordinary infectuous diseases is given at the Alexandra Hospital.

3. **Diseases of the New Born**—Royal Victoria Montreal Maternity Pavilion.

4. **Clinical Pædiatrics:** During the final year the class is divided into groups, each group devoting five weeks to the study of the diseases of childhood, including—

   (a) Normal Infant Feeding and Development—Montreal Foundling and Baby Hospital.
   (b) General Pædiatrics—Children's Memorial Hospital.
   (c) Infectious Diseases—Alexandra Hospital.

Text-books:—Holt and McIntosh, "Diseases of Infancy and Childhood"; Griffith and Mitchell, "Diseases of Infants and Children"; Porter and Carter, "Management of the Sick Infant and Child"; Brown and Tisdall, "Common Procedures in Pædiatrics"; Wright, "Essentials of Infant Feeding and Pædiatric Practice"; Goldbloom, "Care of the Child"; Still, "Common Disorders and Diseases of Childhood"; John Thomson, "Clinical Study and Treatment of Sick Children."

Reference Books:—Brenneman, "Practice of Pædiatrics" (4 volumes); Parsons and Barling, "Disease of Infancy and Childhood" (2 volumes); Langdon, "Home Guidance for Young Children"; "Abt's Pædiatrics" (8 volumes).

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—WILDER PENFIELD

ASSOCIATE PROFESSOR OF NEUROLOGY:—COLIN RUSSEL

ASSOCIATE PROFESSOR OF NEUROSURGERY:—WILLIAM CONE

CLINICAL PROFESSOR OF NEUROLOGY:—F. H. MACKAY

LECTURERS IN NEUROLOGY:—DONALD MCEACHERN, J. N. PETERSEN, N. VINER, A. W. YOUNG

LECTURER IN NEUROSURGERY:—A. R. ELVIDGE

LECTURER IN NEUROLOGICAL ROENTGENOLOGY:—A. E. CHILDE

LECTURER IN PAEDIATRIC NEUROLOGY:—H. M. KEITH

LECTURERS IN CLINICAL PSYCHOLOGY:—MOLLY HARROWER, DONALD HEBB

DEMONSTRATOR IN NEUROSURGERY:—T. C. ERICKSON

DEMONSTRATOR IN NEUROLOGY:—FRANCIS MCNAUGHTON

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—W. L. REID

ASSISTANT DEMONSTRATORS IN NEUROPATHOLOGY:—E. B. BOLDREY, G. Y. MCCLURE

RESEARCH FELLOWS:—F. ECHLIN, S. HUMPHREYS, J. KERSHMAN, W. NICHOLS, G. ODOM, J. ROBERTSON

The Department of Neurology and Neurosurgery co-operates intimately with the Departments of Medicine and Surgery in their regular teaching.

In addition the following elective courses are offered:

1. Case Presentations. Diseases of the Nervous System.
Outpatient Department, Royal Victoria Hospital, Tuesdays at 3.00 p.m.

Professor Penfield.

2. Fundamentals of Neurology (Neuro-Anatomy, Neuro-Physiology, Biological Chemistry and Roentgenology).
Neurological Institute, Tuesdays at 5 p.m.

Drs. Petersen, Elvidge, McEachern, Childe, Keith, McNaughton and Erickson.

SURGERY

Professor of Urology and Head of the Department of Surgery:—
F. S. Patch

Associate Professor:—F. E. McKenty

Assistant Professors:—C. K. P. Henry, F. B. Gurd

Lecturers:—J. A. Armour, H. M. Elder, R. R. Fitzgerald, G. A. Fleet, Guy Johnson, G. Gavin Miller, Dudley Ross, F. J. Tees, A. L. Wilkie

Demonstrators:—E. B. Chandler, Howard Dawson, Mark Kaufmann, C. A. McIntosh, L. H. McKim, H. G. Pretty, Albert Ross, P. E. Silver, A. Stewart

Assistant Demonstrators:—F. D. Ackman, E. M. Cooper, G. D. Little, S. J. Martin, J. C. Sutton

UROLOGY

Clinical Professor:—D. W. MacKenzie

Lecturer:—R. E. Powell

Demonstrators:—A. B. Hawthorne, M. Seng

ORTHOPAEDIC SURGERY

Clinical Professors:—J. A. Nutter, W. G. Turner

Lecturers:—W. J. Patterson, N. F. Williamson

ANÆSTHESIA

Lecturer:—C. C. Stewart

Demonstrators:—F. A. H. Wilkinson, J. W. Armstrong

RADIOLOGY

Lecturers:—E. C. Brooks, W. L. Ritchie

Instruction in Surgery and in the surgical specialties is imparted in the form of didactic lectures, theatre clinics and demonstrations and group teaching in the wards and out-patient departments.

Under the new curriculum, initiated in the Autumn of 1936, the students of the *Second Year* will receive instruction in Surgery in the Spring term (16 weeks).

This instruction will consist of:—

Didactic Lectures of an introductory type. Amphitheatre clinics to cover systematically important fractures and dislocations.

Group Clinics and demonstrations in the hospitals to cover case history taking and methods of physical examination.

In the *Third* and *Fourth* Years emphasis is placed upon clinical instruction in the hospitals.

Amphitheatre clinics, twice weekly, displace, in whole or in part, the didactic lecture.

Special stress is placed upon bedside and out-patient teaching, the students being divided into small groups of eight to ten receiving a type of tutorial instruction from individual teachers.

In these clinical years the students are assigned to patients in rotation, and they act as dressers and reporters in the wards and out-patient department.

Under this system the student is responsible for physical and laboratory examinations of the patient and as assistant at any operation performed.

Clinico-pathological Conferences are held weekly and conducted jointly by the clinicians and pathologists. They are attended by the groups of students in the clinical years.

A course of *Applied Anatomy* is conducted jointly by the Departments of Anatomy and Surgery, the teachers being derived from the surgical staff.

Instruction in *Anaesthesia* is given in the Department of Pharmacology, while practical instruction in the administration of anæsthetics is given in the hospitals to students of the two clinical years.

Under the "old" curriculum, which will terminate with the session 1939-40, the plan of instruction is similar, but the introduction to Surgery is in the Third Year.

The course is planned to lead the student by rapid stages through an elementary introductory course to personal contact with patients and clinical instruction in the more complicated and abstruse problems of diagnosis and treatment.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

Text-books:—

1. *General Surgery*: John Homans, "A Text-book of Surgery"; Choyce, C. C., "A System of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery"; Christopher Cole and Elman; Romanis and Mitchener.

2. *Emergency Surgery*: Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy*: McGregor, "Synopsis of Surgical Anatomy." Treves, "Surgical Applied Anatomy."

4. *Fractures*: Scudder, Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting*: White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology*: Keyes' Urology, Mackenzie, "Surgery of the Bladder" (Oxford Press).

Collateral Reading: Hinman, The Principles and Practice of Urology; Cabot, Modern Urology; Lewis, System of Surgery, vols. 8-9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinic Syphilology.

7. *Orthopædic Surgery*: Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

8. *Rœntgenology*: Harrison, "Textbook of Rœntgenology" (Ward).

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND HEAD OF THE DEPARTMENT:—J. R. FRASER

CLINICAL PROFESSORS:— H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

*ASSISTANT PROFESSORS:— W. A. G. BAULD, A. D. CAMPBELL

LECTURERS:— G. C. MELHADO, IVAN PATRICK

DEMONSTRATORS:— DOUGLAS GURD, J. STEWART HENRY, ELEANOR PERCIVAL, N. W. PHILPOTT, C. V. WARD

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:— K. T. MACFARLANE, D. W. SPARLING

The entire course is arranged on the basis of imparting a practical knowledge of Obstetrics, Gynæcology and the Care of the New-born. Throughout all trimesters the value of intimate contact with the patient in the normal and the pathological state is stressed.

The privilege of serving as an interne in the hospital for two weeks treating the patients from the time of delivery till discharge from hospital is an ideal arrangement. Each student serves in the ante-natal clinics in the city.

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
Medical Building. Three times a week—Spring Term.
Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labour and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the manikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical Conferences** thrice weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.

Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.

Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Normal Labour .....Dr. Melhado.
B. Puerperal Infection .....Dr. A. D. Campbell.
C. Hæmorrhages of Pregnancy. Labour and the Puerperium.
Professor Duncan.
D. Toxæmia of Pregnancy .....Professor Goodall.
E. Dystocia .....Professor Burgess.

7. **Care of the New-born.** Drs. Struthers & Ross.

The clinical demonstration once weekly throughout the year by the Pædiatrician in charge of the new-born, is intended to provide a clear and concise survey of the physiology and pathology of the new-born. Particular emphasis is laid on infant feeding and neonatal disease.

8. **The Staff Conference** held once a week is arranged to give a complete account of the work of the hospital.

NOTE: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bedside instruction in the Royal Victoria and Montreal General Hospitals.....Professor Fraser, Dr. Campbell and Staff.

2. A special course on Gynæcological Pathology.....Dr. P. J. Kearns.

3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.

4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray.....Dr. Bauld and Staff.

Text and Reference Books

Obstetrics

(1). De Lee	Principles and Practice of Obstetrics.
(2). Stander	Text book on Obstetrics.
(3). Ten Teachers	Midwifery.
(4). Harper	Clinical Obstetrics.
(5). Bourne	Synopsis of Midwifery and Gynæcology.
(6). Johnson, R. W.	Text book of Midwifery.
(7). Bland	Practice of Obstetrics.
(8). Miller, J.	Manual of Obstetrics.
(9). Appleton	Obstetrical and Gynæcological Monographs.
(10). Peterson	Demonstration Course in Obstetrics.
(11). Irving	Text book on Obstetrics.

Gynæcology

(1). Graves	Text book of Gynæcology.
(2). Curtis	Text book of Gynæcology and System of Gynæcology and Obstetrics.
(3). Ten Teachers	Diseases of Women.
(4). Monroe Kerr	Gynæcology.
(5). Blair Bell	Principles of Gynæcology.
(6). Kelly, Howard	Text book of Gynæcology.
(7). Goodall	Puerperal Infection.
(8). Crossen	Gynæcology.

OPHTHALMOLOGY

PROFESSOR:—F. T. TOOKE
CLINICAL PROFESSOR:—S. H. McKEE
LECTURER:—J. A. MACMILLAN
DEMONSTRATORS:—K. B. JOHNSTON, STUART RAMSEY, J. ROSENBAUM, R. J. VIGER
ASSISTANT DEMONSTRATOR:—A. BRAMLEY-MOORE

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. Routine examination of the eye.

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.....Professor Tooke and members of the Staff.

2. **Lecture demonstrations.**

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Final Year.

Ten Hours.....Professor Tooke.

3. **Clinical Ophthalmology.**

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systemic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Tooke, McKee and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

ASSISTANT PROFESSORS:— D. H. BALLON, G. E. HODGE

LECTURERS:— W. J. MCNALLY, R. P. WRIGHT

DEMONSTRATORS:— K. O. HUTCHISON, B. F. MACNAUGHTON, G. E. TREMBLE

ASSISTANT DEMONSTRATOR:—E. A. STUART

Instruction in Oto-Laryngology is given to students of the third, fourth and fifth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Third Year:

An introductory course of five demonstrations is given to students of the third year. These demonstrations deal with the normal anatomy of the ear, nose, throat, and with methods of examination. An opportunity is also afforded of studying rœntgenograms of normal and pathological nasal accessory sinuses and mastoids.

Fourth Year:

Five practical demonstrations are given on the common pathological conditions of the ear, nose, and throat.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

Fifth Year:

Ten clinical demonstrations are given in the out-patient departments and wards of the hospitals. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books:—Sir St. Clair Thomson: Diseases of the Nose and Throat; A. Logan Turner: Diseases of the Nose, Throat and Ear; Chevalier Jackson and G. M. Coates: The Nose, Throat and Ear and Their Diseases; Philip O. Kerrison: Diseases of the Ear; Chevalier Jackson: Bronchoscopy, Oesophagoscopy and Gastroscopy; D. H. Ballon: Chapters on Bronchoscopy and Oesophagoscopy in Surgical Diseases of the Chest by Evarts A. Graham, J. J. Singer, Harry C. Ballon.

GRADUATE INSTRUCTION

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the head of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st).

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry.* Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics.* General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorology and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $150.00 for British Subjects and $200.00 for non-British Subjects.

4. **Special Courses in Public Health.** Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 50,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Public Health and Preventive Medicine, and the Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The Laboratories for Histology and Embryology have excellent facilities, with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, laboratories, etc., the building provides complete residential accommodation for six research fellows.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Division, Children's Memorial Hospital.
Alexandra Hospital for Infectious Diseases.
Verdun Protestant Hospital.
Royal Edward Institute.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 709 beds and 110 cribs. During 1937 it cared for 14,401 cases, while in its out-door department 72,982 cases were treated. Many new additions have been made in the Hospital. A modern University Medical Clinic was established in 1924.

There were 176 post-mortems.

The number of resident physicians is 45.

The Royal Victoria-Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. During the year 1937 the obstetrical service cared for 1,694 confinements in the Hospital and 197 in the Out-patient Service, a total of 1,891. In the gynæcological section, 1,597 cases were admitted during the year.

There are nine resident physicians.

The Montreal General Hospital, Central and Western Divisions, is a general hospital for the treatment of acute diseases and contains 600 beds. In 1937 there were 11,571 admissions, giving a total of 188,869 patient days. The number of patients' visits to the Outpatient Department of both Divisions totals 189,114. Many modern additions to the original buildings have been made permitting increased bed capacity. There is a large biochemical laboratory completely equipped for the complete investigation of the metabolic aspects of disease and in conjunction with this department there is an outpatient clinic, one of the largest on the continent, for the treatment of diabetes mellitus. There were 343 autopsies performed which represents 83% of all autopsies obtainable, i.e., other than coroner's cases, etc. Post Mortem and surgical material at both Divisions is now used for teaching, and clinical teaching is carried out in the public wards at both Divisions. The number of resident physicians is 52. The Dental Clinic of the University completed in 1921 is located at the Central Division and has 50 dental chairs with a large and varied clientele. The number of visits to the Dental Clinic for the year 1937 was 24,527.

The Children's Memorial Hospital has 300 public beds, and, in 1937, admitted 3,639 patients. The attendance at its out-door department totalled over 26,292 visits. This hospital admits all classes of cases of disease in children, and enables the students to get a broad concept of pædiatrics. Of special interest are the newly-built wards with cubicles, the Department of Remedial Gymnastics, the Open-air Pavilions, and the well-equipped out-patient service.

There were 108 autopsies during the year, which represents 90.7% of all deaths.

The number of resident physicians is 13.

A short post-graduate course lasting one week is offered during the month of September, before the beginning of the regular session, when clinics, lectures and demonstrations on the more important phases of pædiatrics are given.

The Montreal Foundling and Baby Hospital has been taken over by the Children's Memorial Hospital, and the two institutions will be used as before for the teaching of students. The Foundling Division affords a large amount of clinical material and gives special facilities for instruction in child welfare and infant feeding. There are 75 beds.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 172 beds, and, in 1937, 1,278 patients were admitted to the hospital. There were 22 autopsies.

The number of resident physicians is 4.

The Verdun Protestant Hospital has 1,100 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building, 3674 St. Urbain St., has space for 23 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients; it is essentially a dispensary for tuberculosis and offers adequate material for teaching students, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—R. L. STEHLE

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 50,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, government publications and theses, and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at

the Library. The Library is also very rich in ophthalmological material, largely through the interest of Dr. Casey A. Wood, who not only has given his private collection, but has continued each year to send many valuable books and periodicals. Through his generosity, in a short time, the Library will have one of the most complete ophthalmological periodical collections on this continent.

The journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 6 p.m., and 7.30 to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,000 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.)

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give

advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 9,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

FACULTY OF DENTISTRY

FOUNDATION AND HISTORY

The Dental Department of McGill University was established as a Department of the Faculty of Medicine in the autumn of 1903. At that time the didactic teaching and laboratory work were carried on in the lecture rooms and laboratories of the Medical Building, clinical instruction being given at the Dental Infirmary, a clinic conducted by the Dental Association of the Province of Quebec. This arrangement fulfilled the requirements of the Department for a time, but soon the need of separate quarters for didactic and laboratory instruction and also of improved clinical facilities was felt. These have been supplied, first, by the assignment to the Department of a portion of the east wing of the Medical Building, and, second, by the establishment of a clinic at the Montreal General Hospital.

The Faculty of Dentistry occupies the northern half of the first floor of the east wing of the Medical Building. Here are provided all the necessary lecture rooms and laboratories, as well as private rooms for the members of the staff. The laboratories are equipped with the latest apparatus and appliances for teaching practical dental operations.

The clinic at the Montreal General Hospital was established in connection with the out-patient department of the Hospital in the early part of the session 1908-09.

The rapid growth of the Faculty, however, soon made necessary the enlargement of the facilities for teaching Clinical Dentistry, and so in 1921 the University, acting conjointly with the Governors of the Montreal General Hospital, thoroughly remodelled the space used for the clinic, and in addition erected a new wing 80 ft. x 36 ft.—the entire wing being occupied by dental chairs and other equipment. This gives to the Faculty a thoroughly equipped dental clinic. In addition to the splendid equipment and facilities provided in the Hospital clinic, students of the Dental Faculty share with the other departments the advantages of the great Hospital with which it is connected, such as a splendid X-ray department and a well-managed pathological department. They have also the privileges of the surgical operating amphitheatre, and the Hospital anæsthetists are always available for operations.

ENTRANCE REQUIREMENTS

Every candidate for admission to the First Year in the Faculty of Dentistry must have completed two full years in the Faculty of Arts of a recognized university, including lectures and laboratory work in *Chemistry* (Inorganic and Organic), *Physics* and *Biology*.

In the case of those who intend to practise in the Province of Quebec it is essential that the candidate should:—

(a) take at least the second of the above two years in a recognized English University of this Province, or

(b) hold a Bachelor's degree from any recognized university in Canada, thus qualifying for eligibility to register with the College of Dental Surgeons of this Province in the study of Dentistry.

Courses specially designed to meet these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first by Senior Matriculation, or otherwise.

Particulars of the Junior and Senior Matriculation Examinations are given on pages 77, 79, and 98.

PROVINCIAL REGISTRATION

Intending students are reminded that a University degree in Dentistry does not itself give a right to practise the profession of Dentistry. It is necessary to comply with the Dental laws of the country, state, or province in which it is proposed to begin practice. Each province in Canada at present has special requirements for its licence, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their University course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province.

**Ontario*—W. E. Wilmott, 211 Huron Street, Toronto, 5.
**Nova Scotia*—S. G. Ritchie, D.D.S., 36 South St., Halifax.
**New Brunswick*—S. K. Wetmore, D.D.S., Saint John.
**Prince Edward Island*—C. D. Ayers, D.D.S., Charlottetown.
**Manitoba*—J. F. Morrison, D.D.S., 403 Medical Arts Bldg., Winnipeg.
**Alberta*—A. E. Hennigar, D.D.S., Herald Building, Calgary, Alta.
**Saskatchewan*—L. J. D. Faskin, Regina.
Quebec—Dr. Denis Forest, 3632 Park Ave., Montreal.
British Columbia—W. J. Lea, 1320 Medical Dental Building, Vancouver.

*Members of the Dominion Dental Council.

DOMINION DENTAL COUNCIL OF CANADA

Seven of the nine Canadian provinces (*i.e.*, all but Quebec and British Columbia) have entered into an agreement whereby the holder of a licence granted by the Dominion Dental Council may practise in any of the subscribing provinces. In order to obtain this licence a candidate must: (1) hold a matriculation certificate of the proper standard; (2) pass the examination set by the council, and (3) pay the local and provincial registration fee.

The Secretary of the Dominion Dental Council is Dr. A. J. Brett, Regina, Sask.

HEALTH SERVICE

See page 148.

BOARD AND RESIDENCE

See page 160.

IMMIGRATION

See page 149.

REGISTRATION

Students in First and Second Years Dentistry register at the Registrar's Office on Monday, August 29th and Tuesday, August 30th. Students in the Third and Fourth Years register at the Registrar's Office between Tuesday, September 6th and Tuesday, September 13th. First and Second Year students registering after August 30th and students in Third and Fourth Years registering after September 13th are required to pay a late fee. No students are admitted after the 8th of October.

FEES

Tuition Fees

1. Annual undergraduate fee for British* students $310.00
   By instalments: Each of two instalments 157.50
   Annual undergraduate fee for Non-British* students 350.00
   By instalments: Each of two instalments 177.50

2. Students repeating the course of study of the first and second years are required to pay half the tuition fee. Students repeating the third and fourth years will pay a hospital fee of twenty-five dollars in addition to half the tuition fee.

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*Domicile will in general determine whether a student pays the British or the Non-British fees. A student who is uncertain which rate he will be required to pay should consult the Registrar.

3. Qualified partial students are admitted to one or more courses on payment of special fees. For further particulars consult the Dean's Office.
4. A Dental Cabinet may be rented during the academic year for a fee of $10.
5. A Microscope may be rented during the academic year for a fee of $7.50.

5A. In Second Year—Crown and Bridge Model..... $20.00

Other University Fees

6. Late registration, after August 30th or September 13th..... $ 5.00
Late registration, after September 6th or 20th..... 10.00
Late payment fee 2.00
Fine for late medical examination (see page 148).....5.00 or 10.00
Supplemental Examinations, per paper 10.00
Receipts for supplemental examinations must be shown to the Dean's Office before the examination.
Conferring degree *in absentia* 10.00
Duplicate Diploma 10.00
Certified copy of record, each 1.00
Additional copies (at same time) ..... .50
Ad eundem fee for students entering from another University in any year above the First 10.00
7. *Caution Money.* Every student is required to deposit $10 as caution money to cover damage done to university property. This amount, less deductions, is returned at the end of the session.

Students' Activities

8. A sessional fee of $20 is payable by all men undergraduates and $15 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletics Board.
9. Partial students pay $3 for athletics and athletic grounds. If they desire such of the privileges of Section 8 as are open to them, an additional $9.50 is charged for men students and $5.50 for women students.

General Regulations

10. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. to 1 p.m. and 2.30 to 4 p.m., on the following dates: First and Second Years, August 29th to 31st, inclusive; Third and Fourth Years, September 6th to 13th, inclusive; but they may be paid before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specified dates.

11. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 10.

12. Immediately after the prescribed dates for the payment of fees, the Bursar will send to the Dean of each Faculty, a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

13. All fees are payable in Canadian currency.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student is required to furnish his own instruments and appliances for both laboratory and operating room, and is not permitted to enter the Course until he is thus supplied.

The approximate cost of instruments and supplies for the First and Second Years, which includes an Anatomical Articulator, an Engine and a Crown and Bridge Model, is $350.00

Third Year approximate cost $100.00

Fourth Year approximate cost 75.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

A list of the above instruments may be secured at the Dean's Office, and arrangements have been made with local Dental Supply Houses in order that the student may benefit by a special trade discount.

BURSARIES, PRIZES AND LOAN FUNDS

Complete details of bursaries, medals, prizes and loan funds will be found on pages 108 to 147.

COURSE FOR THE DEGREE OF D.D.S.*

Candidates for the degree of D.D.S. must complete two years of study in a College or Faculty of Arts, with Physics, Inorganic and Organic Chemistry and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum is as follows:—

First Year

Anatomy (human)
Dental Anatomy
Histology, Medical and Dental
Physiology
Metallurgy
Prosthetic Technique
Operative Technique
Orientation in Dentistry
Materials used in Dentistry

Second Year

Crown and Bridge Work
Operative Technique
Orthodontia
Prosthetic Technique
Bacteriology
Biological Chemistry
Pharmacology
General Pathology
Technical Composition in Dentistry
Dental History
Dental Ethics
Dental Jurisprudence

Third Year

Crown and Bridge Work
Dental Materia Medica and Therapeutics
Operative Dentistry
Orthodontia
Prosthetic Dentistry
Dental Radiography
General Anaesthesia
Oral Surgery
Local Anaesthesia
Dental Pathology
Oral Medicine
Periodontia and Oral Hygiene
Diet and Nutrition
Social and Economic Relations of Dentistry

Fourth Year

Operative Dentistry
Orthodontia
Prosthetic Dentistry
Oral Medicine
Oral Surgery
Crown and Bridge Work
Dermatology
Allergic Diseases
Principles of Medicine
Dental Office Management

*It should be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 50 *per cent in each subject is required to pass, and* 75 *per cent for honours.*

All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the First, Second or Third Years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

Failure in more than three subjects of the First, Second or Third Years at the regular examination excludes the candidate from advancement.

Students who fail in one subject only of the Final Year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish a certificate of additional clinical attendance or laboratory work before presenting himself for examination.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $10.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved university, college or school of dentistry.

2. Students of other universities, so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass an oral examination in primary subjects, and all examinations in the final subjects in the same manner as students of this University.

No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

3. Candidates for the final examination must furnish testimonials of attendance on the branches of dental education mentioned on page 370; provided, however, that testimonials equivalent to, though not precisely the same as these, may be presented and accepted.

COURSES OF LECTURES

ANATOMY

ROBERT REFORD PROFESSOR:—C. P. MARTIN

ASSISTANT PROFESSOR OF ANATOMY:—H. D. O'BRIEN

ASSISTANT PROFESSOR OF HISTOLOGY:—H. SELYE

LECTURER IN ANATOMY:—H. E. MACDERMOT

LECTURER IN HISTOLOGY:—W. M. FISK

SENIOR DEMONSTRATOR IN ANATOMY:—D. S. FORSTER

DEMONSTRATOR IN ANATOMY AND HISTOLOGY:—J. R. DEAN

The course covers the first two terms of the first year, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck.

1. A: First Year:—This course runs concurrently with the course in First Year Medicine, and comprises five hours lectures and fifteen hours laboratory work a week during the Autumn and Winter terms.

MICROSCOPIC ANATOMY

1. Histology and Embryology: First Year.

This course is largely the same as the Medical Microscopic Anatomy Course 5 with the exceptions that it will finish at the end of the winter term, and that certain topics in the medical course are replaced by special studies of the histological structure and development of the teeth.

(2) A detailed study of the fundamental tissues of the human body.

(3) A study of the development and microscopic structure of the organs and systems, in which the head and neck and the circulatory, digestive and respiratory systems are considered in detail, whilst the remaining systems are treated in a more general way.

Laboratory Manual:—Stabbe, Anatomy for Dental Students.

Text-book:—Gray, Anatomy, or Cunningham, Text-book of Anatomy.

Histology Text-book:—Maximow and Bloom, Histology.

BACTERIOLOGY

PROFESSOR:—E. G. D. MURRAY

ASSOCIATE PROFESSOR:—FREDERICK SMITH

ASSISTANT PROFESSOR:—T. E. ROY

LECTURER:—C. D. KELLY

DEMONSTRATORS:—D. H. STARKEY, RUTH P. DOW, N. W. MCLELLAN

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

COURSE 1.—*Elementary Medical Bacteriology and Immunity.*

30 lectures and 60 hours Practical Work, supplemented by Tutorial Classes. Third term.—Available to Students of Dentistry on the completion of their studies in Anatomy, Physiology, Histology and Biological Chemistry.

A choice of one of the following books is recommended:—

T. J. Mackie & J. E. McCartney, Practical Bacteriology (Livingstone); J. W. Bigger, Handbook of Bacteriology (Bailliere, Tindall & Cox).

PHARMACOLOGY

PROFESSOR:—R. L. STEHLE

LECTURER:—K. I. MELVILLE

A course of ten lectures concerned with those phases of pharmacology which are of importance in dentistry, supplemented by five laboratory periods or demonstrations.

Text-books:—Cushny's, Sollmann's or any other standard text.

BIOCHEMISTRY

PROFESSORS:—J. B COLLIP, D. L. THOMSON

LECTURER:—O. F. DENSTEDT

This course is taken with the medical students.

REQUIRED COURSES

1. Biochemistry—Lecture Course:

Text-books:—Bodansky, Introduction to Physiological Chemistry (Wiley); Cameron, A Text-book of Biochemistry (Macmillan).

Monday, Wednesday and Friday at 9, during the Autumn and Winter terms.

2. Biochemistry—Laboratory Course:

A synopsis of the course is issued by the Department.

Six hours a week, selected from: Monday morning; Thursday afternoon.

DIET AND NUTRITION

ASSOCIATE PROFESSOR:—I. M. RABINOWITCH

Course given in Third Year. 10 lectures.

(a) Dentistry as a health problem.

(b) Biology. Food materials of animals and man. Evolution of present day dietary habits of man.

(c) Calorimetry; Chemistry of nutrition; Metabolism of sulphur; Metabolism of carbohydrates and fats; Metabolism of calcium and phosphorus; Mineral metabolism in general; Function of water in nutritional processes; Acid-base equilibrium; Vitamins; Nutrition disturbances due to deficiencies other than vitamins: thyroid, adrenal, pancreas, etc.; Diet and physical efficiency: food allergy, alcohol, prejudices about food materials; Dental caries; Clinical tests of metabolism.

PATHOLOGY

PROFESSOR OF DENTAL PATHOLOGY:—.....

PROFESSOR OF PATHOLOGY:—.....

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

Dental Pathology.

This course is given to the students of the Third Year, and includes a consideration of the various diseases of the enamel, dentine, dental pulp and peridental membrane, their symptomatology and treatment, also a consideration of abnormal conditions of the tissues of the oral cavity with a description of treatment and management of these diseases.

Special attention is also given to pathological condition of the nerve structures of the head and their connection with the diseased conditions of the dental tissues.

The mitigation of pain in dental operations receives special attention and the various means employed fully developed and explained, and such directions given as will enable the student to avoid methods and drugs harmful to the tissues.

Text-books:—Prinz, Diseases of the Soft structures of the teeth (Lea & Febiger); Burchard, Inglis, Dental Pathology and Therapeutics (Lea & Febiger); Bunting, Oral Pathology (Lea & Febiger).

PHYSIOLOGY

THE MORLEY DRAKE PROFESSOR OF PHYSIOLOGY:—JOHN TAIT

RESEARCH PROFESSOR OF PHYSIOLOGY:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURER:—S. DWORKIN

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects of the subject as bear more particularly on the practice of dentistry.

Text-books:—Huxley, Lessons in Elementary Physiology; Thornton and Smart, Human Physiology.

ORAL SURGERY

PROFESSOR OF DENTAL SURGERY:—A. L. WALSH

LECTURER:—J. W. GERRIE

DEMONSTRATORS:—R. E. McMAHON, F. W. SAUNDERS

Thirty lectures are given to the Junior Students in the above subject, which includes exodontia, cysts, fractures, and benign tumours, alveolectomy and apicœctomy. The Seniors are given clinics on practical cases and are required to complete one case during the year in any of the above, excepting exodontia.

MATERIA MEDICA AND THERAPEUTICS AND LOCAL ANAESTHESIA

PROFESSOR:—

In the Third Year a course of demonstrations and lectures in this subject is given, extending throughout the whole session. This comprises

the study of the physical properties, chemical composition and physiological action of the various medicinal substances used in the treatment of diseased conditions of the dental organs and morbid conditions of the oral cavity, together with their various applications, doses, antidotes, and contra-indications, with instruction in prescribing, etc. Anæsthesia and the various anæsthetics are also taken up, following that already given in the Second Year. A course on local anæsthesia is also given in the Third Year. This comprises lectures, and demonstrations pertaining to local anæsthetics employed in the oral cavity and dental organs; with consideration of the anatomy and structure of the parts. Special attention is given to block anæsthesia, also the various anæsthetics employed with a consideration of the indications and contra-indications for their uses.

Text-books:—Prinz, Local Anaesthesia; Arthur E. Smith, Block Anaesthesia and Allied Subjects (C. V. Mosby & Co.); Posner, Local Anaesthesia (C. V. Mosby & Co.); Dental Materia Medica Text-book; Prinz, Materia Medica and Therapeutics (C. V. Mosby & Co.).

PUBLIC HEALTH AND PREVENTIVE MEDICINE

PROFESSOR:—GRANT FLEMING

A special course of thirteen lectures on the relations of Dentistry with Public Health and Preventive Medicine.

DERMATOLOGY

CLINICAL PROFESSOR:—J. F. BURGESS

Diagnosis of Diseases of the Mucous Membrane of the Mouth.

This includes a consideration of the clinical features, along with a pathological histology and differential diagnosis of the many types of eruptions which occur in the mouth. Many of these eruptions have their counterpart in the skin, and the subjects embraced range from acute inflammatory diseases of infectious origin to chronic infections, such as tuberculosis and syphilis. Attention is also paid to benign and malignant growths of the buccal mucous membrane of the tongue and lips, such as papillomata and carcinomata. Also, the importance of dental infection in its relationship to certain toxic diseases of the skin is emphasized.

DENTAL HISTORY, ETHICS AND OFFICE MANAGEMENT

LECTURERS:—{EARL M. LAURIN
J. NEILSON BLACKLOCK

DEMONSTRATOR:—JOHN S. COMMON

History:—

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

Ethics:—

Under this head the moral, social and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

Office Management:—

Under this head the business of the dentist's life will be considered. The question of office equipment, keeping of appointments, overhead charges, methods of determining fees, office assistants, etc., will be taken up.

DENTAL JURISPRUDENCE

PROFESSOR:— F. R. SCOTT

A discussion of the laws governing the practice of Dentistry, their necessity and purpose.

The responsibility of the dentist under the laws of the Province, his position as defendant in suits for damages and as plaintiff in suits for fees, etc., are fully explained.

METALLURGY

ASSOCIATE PROFESSOR:—GORDON ST. GEORGE SPROULE

This course is given to Dental students of the First Year by the Metallurgical Department of the University.

It consists of twelve lectures of one hour, and twelve laboratory periods of two and a half hours each.

The lecture course covers:—

(1) Introductory lectures on the physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) Methods of melting, casting and alloying metals in the laboratory.

(3) Methods of extracting metals from their ores.

(4) The nature and preparation of alloys, including amalgams.

(5) The metals used in dentistry (lead, zinc, tin, bismuth, cadmium, antimony, aluminum, copper, silver, gold, platinum, iridium, mercury, iron and steel) are considered separately in regard to their properties, uses in dentistry, and, as far as time allows, extraction from their ores. The separation, purification and alloying of gold, silver and platinum are specially considered.

(6) The manufacture, properties and uses of dental amalgams.

Text-book:—J. D. Hodgen, Practical Dental Metallurgy.

The laboratory course includes experimental work with the metals; gold, silver, copper, lead, zinc, tin, aluminum, nickel, iron and steel.

The metals are melted, alloyed, cast, hammered, filed, cut, rolled, annealed and tested with acids and other chemicals.

The preparation of pure gold and silver is carried out and the production and testing of dental and other amalgams.

The course is given during the first term of each session by Professor Sproule.

DENTAL ANATOMY

LECTURER:—CAMPBELL MORRIS

DEMONSTRATOR:—EROL B. CLIFT

This course, given in connection with general anatomy in the First Year, aims at giving the student a thorough knowledge of the size, shape, uses, and general construction of the natural teeth, their articulation and composition.

This is accomplished by lectures and demonstrations, with the use of drawings, models and lantern slides.

The student is required to carve in plaster four teeth three times natural size and fourteen teeth natural size representing all the forms in the human mouth, which are then articulated anatomically.

Different sections of extracted teeth are made, to familiarize the student with the relationship of the different structures composing the teeth.

The total time given this subject during the First Year is five hours a week for a period of twenty-six weeks, total of one hundred and ten hours, divided as follows:—one hour a week devoted to lectures, twenty-six hours; the balance to demonstrating, modelling, carving, making sections, etc., one hundred and four hours.

Text-book:—G. V. Black and M. Diamond (Macmillan).

SURGERY

ASSOCIATE PROFESSOR:—.....
LECTURER:—J. W. GERRIE
DEMONSTRATOR:—R. E. McMAHON

The course comprises clinical and didactic lectures. All lectures and demonstrations are given in the wards and clinical theatre in the Outdoor Department of the Montreal General Hospital. Cases showing injuries and diseases of the mouth and jaws are demonstrated and the appropriate treatment shown, including operative procedures under local and general anæsthesia.

Text-books:—Blair and Ivy, Oral Surgery, 1923; Brophy, Oral Surgery; Weston Price, Dental Infections, Oral and Systematic, 2 Vols.

CLINICAL INSTRUCTION

Clinical instruction is given in the Operating Theatre and Out-Patient Department and in the Dental Clinic of the Montreal General Hospital. Abundant opportunity is afforded in this institution for the study of diseased conditions of the mouth and jaws, and for watching operations in these regions. The Dental Clinic, established twenty-six years ago by the Hospital authorities, proved a success from the outset, and ample material for clinical study is now provided. Twenty thousand patients were treated at this clinic during the past session.

OPERATIVE DENTISTRY

PROFESSOR:—F. H. A. BAXTER
ASSOCIATE PROFESSOR:—D. PRESCOTT MOWRY
LECTURER:—W. G. LEAHY
DEMONSTRATORS:—H. V. DRIVER, F. A. EDWARD, L. F. McRAE, C. H. P. MOORE, C. R. SELLER, P. H. SILVER, E. T. CLEVELAND, JR.

The purpose of this course is to make the students thoroughly familiar with all modern and accepted methods. The course of lectures extends over two years and a half, and includes discussion of the treatment of caries; the preparation of cavities, the materials used for filling, the most approved instruments and appliances used in operating upon the teeth. Clinics will be held at the Dental Clinic, where ample material is provided and every available means used to make the student practically conversant with all the up-to-date knowledge of this important branch of dental science.

In conjunction with this course, operative technics is taken up, which provides a systematic course in manual training, thoroughly familiarizing the student with the anatomy of the teeth, and the shaping of cavities, from the simple to the more complex. This is carried out on models, using the different regular filling materials, scaling, bleaching, and, so far as possible, all of the operative procedures.

The Dental Clinic is open throughout the whole year, and students are advised to give as long a time to this work as possible. Each student must provide himself with the instruments necessary for his own use, a list of which will be furnished. He is required to perform all the usual dental operations as they present themselves, under the supervision of competent demonstrators, who are always at hand to offer advice and assistance under the direction of the Professor. Between the Second and Third Years, and also between the Third and Fourth Years, students are required to spend six weeks doing practical work in the Hospital Clinic.

Text-books:— G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); C. N. Johnson (Blakiston); M. E. Jordan, Dental Items of Interest; W. H. O. McGehee, Text-book of Operative Dentistry (Blakiston).

Reference for Periodontia:—Stilman & McCall, Clinical Periodontia (Macmillan, New York).

Periodontia.

Arrangement is made for co-ordination of the theoretical study, practical instruction and clinical practice in the treatment of pathological conditions to be found in the peridental tissues. The physiological and histological structure in relation to function, is made a basis for the study and treatment of the peridental tissues.

Text-books:—Orban, Dental Histology and Embryology; Kronfeld, Histopathology of the Teeth and Their Surrounding Structures.

ORTHODONTIA

PROFESSOR:—A. W. McCLELLAND
LECTURER:—GERALD FRANKLIN
DEMONSTRATOR:—M. L. DONIGAN
ASSISTANT DEMONSTRATOR:—A. R. WINN

The course in this branch of Dentistry commences with the study of the embryology of the dental organs, covering growth, development and eruption of the teeth.

Orthodontia is taught in three full years of the dental course.

The work of the second year is chosen with a view to giving the student a thorough course in technique. Here, different kinds of free-hand soldering is taught, together with the making of simple appliances; the taking of impressions and the making of plaster models is also taken up in this year.

The third year's work may be divided up into three parts, Practical, Theoretical and Clinical. Advanced appliance technique, plaster work, etc., comprises the practical work of this year.

Ten lectures are given, covering terminology, occlusion and classification, which is deemed sufficient to enable the student to enter on the more difficult theoretical problems of his final year.

Following the lectures, group chair-clinics are given, when patients are examined, simple cases diagnosed, etc.

The third year student is associated with a student of the final year, who is carrying on cases under treatment in the clinic at the Montreal General Hospital. The third year student does not take part in the active treatment, however.

In the fourth or final year a course of advanced lectures is given. These lectures cover Etiology, diagnoses and preventive orthodontia.

Clinical cases are assigned to each student which he treats under strict supervision.

He is called upon to make appliances suitable to the case at hand. Such appliances are designed by the staff and are constructed of precious metals.

Together with the student being responsible for the treatment of the cases assigned him, he must familiarize himself with all other cases under treatment.

Histology is reviewed, paying special attention to the changes that take place in the bone tissue incident to tooth movement.

In the laboratory, slides which are specially selected are microscopically examined.

Text-books recommended are:—Dewey, Brash, Angle, McCoy.

PROSTHETIC DENTISTRY

PROFESSOR:—J. S. DOHAN
LECTURER:—I. K. LOWRY
DEMONSTRATORS:—E. R. WARD, R. E. DAGG

The course in prosthetic dentistry embraces lectures illustrated by lantern slides, and practical work in the laboratory, under the supervision of the demonstrator of technics. It includes the preparation of the mouth for dentures, impressions, and the properties of materials used in the construction of artificial dentures. The student is required to construct the different forms commonly used. Attention is directed to the different functions to be performed by the denture in the restoration of the natural conditions as regards mastication, enunciation and the restoring of the features. Students completing the First Year are required to complete ten days' laboratory technique work, which will begin immediately upon the completion of the sessional work.

Text-book:—Pierce & Anthony, The American Text-book of Prosthetic Dentistry (Lea & Febiger).

PROSTHETIC TREATMENT OF CLEFT PALATE

I. K. Lowry

Practical clinics are given to Senior students on cases as they come through the Montreal General Hospital. These cases are carried through in the presence of the Dental students.

CROWN AND BRIDGE WORK

Lecturer:—W. C. Bushell

Demonstrator:—P. R. Marchand

The course in Crown and Bridgework extends from the third semester of the Freshman year, through the Sophomore, Junior and Senior years.

During the third semester of the Freshman year, the student is given training in the manipulation of wax—the technique of casting and the art of soldering. (First Year—60 hours—Third term.)

The work of the second year is chosen with a view to giving the student a thorough course in technique. Throughout the three terms of the second year, the student is taught the technical steps in the construction of various types of crowns—a most thorough course in casting technique—soldering and also a study of materials used, such as wax, compound, investments, etc. The third term is devoted entirely to inlays by the Indirect System, both as fillings and as bridge abutments, cavity preparations—impression taking—die making—obtaining wax pattern —investing and casting same. (Second year—120 hours—1st-2nd-3rd terms.)

In the Junior year, the student is given four fixed bridges to construct on a typodont. Bridgework of both fixed and movable types with special emphasis on abutment preparation for vital teeth. Technique of construction of the different types of bridge pontics. (Junior Year—60 hours—2nd-3rd terms).

The laboratory course parallels the lecture course. A series of lectures are given discussing the principles of fixed and removable bridgework—indications and contra-indications—choice of abutments—construction of pontics.

The first and second terms of the Senior year are given up to Ceramics. The students are required to construct a porcelain Jacket Crown—a porcelain bridge and an inlay on a model. Lectures are continued in the Senior year.

In the third and fourth years, the student is given practical work in the clinic. Each student is required to complete satisfactorily a certain number of bridge restorations. By means of lectures and personal de-

monstrations each student is taught how to examine the mouth and how to diagnose different conditions with an aim in view of properly designing appliances which will restore the mouth to health and functional occlusion.

Reference books:—Diamond, Dental Anatomy (Dental Items of Interest); Doxtater, Modern Crown & Bridgework (Dental Items of Interest); Gillet & Irving, Inlays by the Indirect System (Dental Items of Interest); Schwartz, Cavity Preparation & Abutment Construction (Dental Items of Interest); Felcher, Art of Porcelain in Dentistry (Dental Cosmos); Le Gro, Ceramics in Dentistry (Dental Items of Interest); American Text-book of Prosthetic Dentistry (Lea & Febiger).

Students are required to attend the clinic every day during the Third and Fourth Years from nine to twelve o'clock and from one-thirty to five o'clock, except during such part of the time as may be taken up with lectures or other work of the University course. The practical dental work is supervised by the Director of the clinic and his associates. Anaesthetics are administered by members of the resident staff of the Hospital, who give practical instruction in this most important branch. A nurse is also in attendance during clinic hours.

LIBRARY

In conjunction with the Medical Library, which contains all the standard text-books in the branches of the first two years in Dentistry, there is a section dealing exclusively with dental subjects. Students may consult any work of reference in the Library between 9 a.m. and 9 p.m. during the session; Saturdays, 9 a.m. to 5 p.m.

MUSEUM

In connection with the Pathological Museum of the Medical Faculty there is a very good collection of plaster casts of deformities of the jaw, etc., and also a very large collection of teeth of all varieties.

FACULTY OF LAW

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three-year course in Law, based mainly on the study of the Roman and Civil systems, the curriculum and time table being arranged on the assumption that a student is devoting his entire time to his university work.

ADMISSION

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty of Law without further examination. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the Third Year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree. As the law stands at present, however, they cannot be admitted to the Bar or to the notarial profession in the Province of Quebec.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in the University. Such permission will only be granted to applicants of at least twenty-one years of age who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Secretary of the Faculty and to obtain permission to register from him.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, as the greater number of the works to which they will be referred are in that language.

REGISTRATION

All students must register in person at the office of the University Registrar between Thursday, September 22nd, and Wednesday, September 28th. First Year students who wish to consult the Dean personally with regard to their course should register not later than Monday, September 26th.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished.

HEALTH SERVICE

See page 148.

FEES

Tuition Fees

1. *Undergraduates*

Annual undergraduate fee	$235.00
By instalments: Each of two instalments	120.00

2. *Partial Students*

Per hour of instruction per week, for full course	$25.00
For use of Library	4.00

The total partial fee will not exceed the full undergraduate fee.

Other Fees

3. Late registration, after September 28th	5.00
Late registration, after October 5th	10.00
Special Examinations (see page 392) per paper	5.00
Conferring the degree "In Absentia"	10.00
Certified copy of student's record	1.00
Additional copies (at same time)	.50
A fine will be exacted for late Medical Examination (see page 148)	$5.00 or $10.00
A fine will be exacted for late Graduating Essays (see page 392)	5.00

4. *Students' Activities.* A sessional fee of $20 is payable by all men undergraduates and $15 by all women undergraduates for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletics Board.

5. Partial students pay $3 for athletics and athletic grounds. If they desire such of the privileges of section 4 as are open to them, an additional $9.50 will be charged for men students and $5.50 for women students.

6. *Caution Money.* Every student is required to make a deposit of $5 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

7. Students registering late must pay their fees when they register, failing which they become subject to the provisions of regulation 9.

8. Immediately after the prescribed dates for the payment of fees a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students are not readmitted to any class until instructions have been received from the Bursar that the fees have been paid.

9. *Dates of Payments.* Fees are due payable at the Bursar's Office on Wednesday, September 28th, between the hours of 9 a.m. and 1 p.m. and 2.30 to 4 p.m., but they may be paid before that date. The second instalment is due and payable on February 1st. An additional $2 is charged for payment after the specified dates.

10. All fees are payable in Canadian currency.

PRIZES, SCHOLARSHIPS, AND MEDALS

See pages 135 and 141.

DEGREES

B.C.L.

The degree granted in the Faculty is that of Bachelor of Civil Law. The course covers three years.

No student under the age of 21 years will be eligible for a degree.

M.C.L.

The degree of Master of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research for advanced study in legal

subjects. The candidate must have the degree of B.C.L. from McGill or its equivalent, and must have obtained at least second class honours in the subject which he proposes to study and in the course as a whole. He must spend at least one year in resident study and present a thesis on some topic connected with his subject. The complete regulations governing this degree are given on page 418.

D.C.L.

The degree of Doctor of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research. The regulations governing this degree are given on page 421.

LIBRARY

The Law Library of the University at present contains over 14,000 volumes, and immediately adjoins the lecture rooms. The principal reports of Canada, the United Kingdom, and France are included, as well as a selection of reports from the United States and elsewhere.

There is a small lending library, from which students can obtain text-books for the session on payment of an *ad valorem* fee.

The general Library of the University is also available for the use of Law students.

OFFICE ATTENDANCE

The attention of students is directed to the amendment of the Bar Act passed at the 1925 session of the Quebec Legislature which reduces the period of clerkship to one year for students who have previously obtained a recognized degree in Law. Advantage has been taken of this to reorganize the Faculty on a full-time basis. The final Bar examination may be taken as soon as the student has been admitted to the study of Law and has his B.C.L. degree. (For particulars as to Bar requirements, see page 395).

EXAMINATIONS

Examinations will be held:—

(a) At the end of the first session, covering the year's work, the final examination in International Law being held at this time.

(b) At the end of the second session, covering the second year's work, the final examination in Roman and Constitutional Law and Criminal Law and Procedure on the work of both years being held at this time.

(c) At the end of the course, on the work of the three years, except Roman Law, Constitutional Law, International Law and Criminal Law. The results obtained in the final examinations in these four subjects are included in the Third Year total.

Subject to the approval of the Faculty in each case, a student who has been prevented by illness from taking certain papers in the sessional examination may be permitted to take special papers on the same subjects. A fee of $5 will be payable in respect of each paper. No other special examinations will be granted.

At all examinations in the Faculty students are at liberty to write then answers either in English or in French.

CLASSIFICATION OF MARKS

Class I 80–100%
Class II 70– 79%
Class III 50– 69%

In order to pass a student must have an average of 60%.

GRADUATING ESSAY

In addition to passing examinations students must submit, not later than the 31st of January of their graduating year, a thesis of from five to ten thousand words on a subject set by the Faculty. Although no marks are assigned to the thesis, no degree will be granted unless it is adjudged satisfactory. It will be taken into account in awarding honours and prizes of a general nature, such as the Elizabeth Torrance Gold Medal and the Macdonald Travelling Scholarship, and in deciding upon doubtful cases.

CURRICULUM

FIRST YEAR

ROMAN LAW

Three hours throughout the session. Mr. Humphrey.

CIVIL LAW

(a) Persons and Property.

Two hours throughout the session. Professor Le Mesurier.

(b) Obligations.

Two hours throughout the session. Professor Scott.

CRIMINAL LAW AND PROCEDURE

Two hours throughout the session. Professor Le Mesurier.
Mr. Fauteux.

CONSTITUTIONAL LAW

One hour throughout the session. Professor Scott.

INTERNATIONAL LAW

One hour throughout the session. Professor Corbett.

SECOND YEAR

ROMAN LAW

One hour throughout the session. Mr. Humphrey.

CIVIL LAW

(a) Sale, agency, partnership, privileges, hypothecs and registration.

Two hours throughout the session. Professor Le Mesurier.

(b) Marriage covenants, lease and hire, prescription and minor contracts.

Two hours throughout the session. Professor Chipman.

(c) Successions, gifts, wills, substitutions and trusts.

One hour throughout the session. Professor Surveyer.

LEGAL HISTORY

One hour, one term. — Professor Scott.

CIVIL PROCEDURE

Two hours, first term. — Professor Tyndale.
Two hours, second term. — Mr. Abbott.

CONSTITUTIONAL LAW

One hour throughout the session. — Professor Scott.

ADMINISTRATIVE LAW

One hour, throughout the session. — Mr. Humphrey.

CRIMINAL LAW AND PROCEDURE

One hour, one term. — Mr. Fauteux.

THIRD YEAR

COMMERCIAL AND MARITIME LAW

(a) Corporations.
One hour throughout the session. — Professor Bruneau.

(b) Introduction to the study of Commercial Law and Insurance.
One hour throughout the session. — Mr. Claxton.

(c) Negotiable instruments.
One hour throughout the session. — Professor Scott.

(d) Maritime Law and Carriers.
One hour throughout the session. — Professor Scott.

CIVIL LAW REVIEW

One hour, one term. — Professor Le Mesurier.

CIVIL PROCEDURE

Two hours, first term. — Mr. Abbott.
Two hours, second term. — Professor Tyndale.

EVIDENCE

One hour, one term. — Professor Tyndale.

COMPARATIVE LAW

One hour, one term. — Professor Corbett.

CONFLICT OF LAWS

One hour, throughout the session. — Professor Le Mesurier.

NOTE.—Changes in the by-laws of the Bar of the Province of Quebec governing legal education may necessitate some modifications in the curriculum.

ADMISSION TO THE LEGAL PROFESSION IN QUEBEC

The attention of students intending to practice law in the Province of Quebec is directed to the necessity of fulfilling all the requirements of the Quebec Bar. These are contained in R.S.Q. 1925, chap. 210 (as amended) and in the Bar By-laws. Full information may be obtained on application to Mr. Arthur Jodoin, K.C., Secretary of the Bar Association of the Province of Quebec, Room 622, 132 St. James Street West, Montreal.

Students are also advised of the fact that no student admitted to the study of law on and after August 1st, 1937, will be admitted to the Bar unless he satisfies the examiners that he has taken "the regular course in philosophy" at a university approved by the Bar. The course in philosophy may be taken during the law course.

Students admitted to the study of law on and after August 1st, 1937, will take a full-time three year law course followed by a clerkship of one year in the office of a practising advocate or in the courts.

ADMISSION TO THE NOTARIAL PROFESSION IN QUEBEC

Information regarding admission to the notarial profession is contained in R.S.Q., 1925, chap. 211 (as amended) and in the regulations of the Chamber of Notaries. Details may be obtained from Mr. Arthur Courtois, Room 320, New Court House, Montreal.

FACULTY OF MUSIC

SESSIONAL ANNOUNCEMENT

The work of the Conservatorium of Music for the season 1938-39 will begin on September 12th, 1938, and will end on June 10th, 1939. It consists of three terms of eleven weeks each, **with an additional summer term of three weeks, viz.:—**

(a) September 12th to November 26th.
(b) November 28th to February 25th (Christmas vacation, December 21st to January 5th).
(c) February 27th to May 13th.
(d) May 15th to June 10th (short summer term).

Lectures arranged in progressive courses are offered as forming part of a connected curriculum, leading to certificates and diplomas, as well as to degrees in Music in the University.

The lectures will begin in the last week of September and extend over three terms of ten weeks each, viz.:—

(a) September 26th to December 3rd.
(b) December 5th to February 25th.
(c) February 27th to May 6th.

The examinations in Montreal for certificates and diplomas will be held towards the end of the third term, i.e., from May 8th to May 20th. The Theoretical Examinations which precede the Practical Local Examinations will begin approximately April 28th (see the Announcement of the Faculty of Music).

ADMISSION

Students of the Conservatorium are admitted either as:—

Regular Students, taking an organized course, which includes individual instruction in a First and Second Subject, together with such classes and lectures as may be thought advisable by the Director, leading to the Diploma of Licentiate in Music or the Degree of Bachelor of Music in the University.

Partial Students, who, besides individual instruction in the one principal subject, who have the privilege of attending certain classes. Instrumentalists are, at the discretion of the Director, assigned to certain of the following classes:—Theory, Harmony, History, Form and Analysis; Ensemble Playing. Vocalists are assigned to two of the following classes:—Theory, Sight-Singing, Elocution and Diction, Choral Class.

Class Students, Those wishing to attend lectures or classes only in either theoretical or practical subjects.

FEES

CONSERVATORIUM OF MUSIC

The fees are as follows:—

Regular Students. $225.00 a year payable at the beginning of the session (not later than October 1st) or in two instalments of $115.00 each, payable before October 1st and January 15th, respectively. This sum also covers the fees for the Diploma or Degree Examination at the end of the year, as well as fees to Students' Societies, and charges for Physical Education—which is compulsory.

At the request of the students themselves and by the authority of the Senate, a fee of $20.00 is collected from all men undergraduates for the support of certain Student Societies, the use of the skating rinks and tennis courts during the session and for admission to the home games under the control of the Athletic Board. Women undergraduates pay a fee of $15.00. *These items, however, are covered by the regular fees in the case of undergraduates.*

Partial Students. $15.00 to $60.00 (according to instructor selected) per term of eleven weeks. Students paying in full for three terms of eleven weeks each are allowed to take the examination for a Local Centre Examination Certificate at the end of the year without any further fee.

Class Students. Fees vary between $5.00 and $25.00 per term, according to class. Precise information can be obtained on this point from the Secretary.

The fees for examinations for Certificates, when not included in the term fees as above mentioned, are the same as the fees for the Local Examinations. (See the Announcement of the Faculty of Music).

In all cases fees must be paid strictly in advance at the office of the Conservatorium.

No individual or class lessons will be given to any student who is unable to produce a receipt showing that the necessary fees have been paid.

FEES FOR DIPLOMA AND DEGREE EXAMINATIONS

DIPLOMA OF LICENTIATE (L.Mus.)—Fees for examination, $45.00, of which $15.00 is payable at each examination. Diploma fee, $5.00

DEGREE OF BACHELOR OF MUSIC (Mus.Bac.)—Matriculation fee, $10.00 (see page 77). Fees for examinations payable as follows:—First examination in Music, $20.00. Second examination in Music, $20.00. Final examination in Music, $20.00 Graduating fee, $20.00.

Although under special conditions exemptions from certain examinations for the Diploma of Licentiate and Degree of Bachelor of Music may be allowed, there is no exemption from the *fees* given above, except in the case of candidates holding the requisite McGill Local Centre Certificates.

DEGREE OF DOCTOR OF MUSIC (Mus.Doc.)—Fee $100.00, one-half of which ($50.00) is paid when submitting exercise and the balance ($50.00) before the final examination.

N.B.—Candidates examined in theoretical subjects connected with the above Degrees and Diplomas at centres other than Montreal will probably have to pay a local supervisor's fee in addition to the fees stated above.

CONSERVATORIUM REGULATIONS

1. Fees are not refunded, nor is the length of the term extended on account of temporary absence. Absence from lessons caused by prolonged illness may be allowed for, provided the Secretary is notified and a Doctor's certificate presented.

2. *No business matters can be arranged through the instructors, but must be transacted through the office.*

3. Students cannot register for less than a term and must notify the Secretary, at least a week before the end of the term, if they wish to discontinue lessons, otherwise it is understood that lessons will be continued through the following term and fees for the full additional term must be paid.

4. Any lessons missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed by students are their loss, unless a Doctor's certificate is produced, when lessons will be made up, but no fees will be refunded or remitted.

5. *All students must sign the attendance register in the office immediately after each lesson.*

6. Every student (except those attending schools) must, at the beginning of each session, *either* produce a medical certificate from his or her medical attendant *or* be examined by the Medical Officer appointed by the University. See page 148.

7. No student suffering from an infectious or contagious disease, or who is, in the opinion of a competent medical attendant, in any way brought into contact with any person infected with such disease, is allowed to attend.

8. Students are required to be punctual at lessons, lectures, concerts and examinations.

9. Notices on the bulletin boards are official, and students are requested to pay due attention to such as may be posted there.

10. No change in course or teacher can be made without first obtaining the consent of the Director.

11. Students are advised to take the sessional examination (the form of such examinations to be decided by the Director) and are prepared for the same by the instructor or instructors to whom they are assigned.

12. *Students wishing either to take part in any public musical performance, publish a composition, or accept a professional engagement, must first obtain the consent of the Director.*

13. The name of each lecture and the hours at which the classes are held will be posted on the notice boards.

14. *Registered students of the Conservatorium must take part in either recitals or concerts, if required to do so by the Director.*

15. Visitors are not allowed to be present during any lesson (class or private) except by permission.

16. The Director has the right to refuse or to cancel at any time the registration of any individual whose presence in the Conservatorium may appear detrimental to its interests.

17. Smoking within the building is absolutely prohibited.

18. Physical education is compulsory for all regular students of the first two years, two periods per week being devoted to it. No student is asked to do work unsuited to his or her physique, and students debarred from exercise of any kind are dealt with separately and carefully advised.

REQUIREMENTS FOR DEGREES

(For Fees, see page 397)

For requirements for the degree of Doctor of Music, see page 421.

DEGREE OF BACHELOR OF MUSIC

All candidates for this degree must pass the following examinations:—

1. The Matriculation examination.
2. The First examination in Music (at the end of the first year).
3. The Second examination in Music (at the end of the second year).
4. The Final examination in Music (at the end of the third year).

A specimen set of papers for each of the three examinations in Music can be obtained from the Secretary, price 25c each.

The Matriculation Examination

The Matriculation Examination is held yearly, in June, at McGill University and at various centres throughout the Dominion. There is also an examination held in September, but at McGill University only. Candidates for musical degrees are examined in the following:—

1. English (two papers).
2. History (one paper).
3. Two of the following languages:—French, German, Latin, Italian, Spanish (two papers in each of the two languages chosen by the candidate).
4. Algebra or Geometry (one paper).
5. Music—one paper. The paper set is that of the Highest Grade (Harmony and Counterpoint) of the local theoretical examination in Music and must be taken by the candidate at the regular examinations held by the Conservatorium in May.

For details of these examinations see pages 77 to 97.

EXAMINATIONS IN MUSIC

The first and second practical studies are no longer required. In their place reading from open score is required in each part of the Mus.Bac. examination.

First Examination in Music

(a) Harmony in three and four parts.

(b) Strict Counterpoint up to three parts, and answers to Fugue subjects.

(c) Form and analysis. Questions will be given on accent, cadence, metre, rhythm, phrasing, etc., and on the form of the pieces included in lists A and B of the Highest Grade Piano Local Centre Examinations.

(d) General outlines of musical history.

(e) Playing on the pianoforte from open vocal score (G & F clefs only).

(f) Viva voce.

Second Examination in Music

(a) Harmony in not more than four parts, choral and instrumental.

(b) Counterpoint (strict and free) in not more than four parts.

(c) Canon in two parts and fugal exposition up to four parts.

(d) History of music from the 16th century to the present day.

(e) Form and analysis. The candidate must show an intimate knowledge of a few compositions, the names of which will be supplied on application, at least three months before the date of examination.

(f) Elementary knowledge of acoustics *or* physiology of the voice.

(g) Playing on the pianoforte from string quartet score.

(h) Viva voce.

The possession of the Diploma of Licentiate of Music obtained either under Class I or Class III from McGill University exempts candidates from the necessity of taking the First and Second Examinations for Mus.Bac., and, accordingly, candidates can proceed direct to the Final Examination, provided that they have matriculated.

Final Examination in Music

(a) Harmony up to five parts.

(b) Free Counterpoint, up to five parts, in 16th century style.

(c) Double Counterpoint in 8ve, 10th and 12th.

(d) Canon and fugue in three and four parts.

(e) History of music from the earliest time to the present.

(f) Form and analysis. Knowledge will be required of such works as the following:—Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; an Opera *or* an Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. Candidates may, at least three months before the examinations, obtain from the Secretary of the Faculty of Music a complete list of the works upon which the examination papers in this subject will be based.

(g) Instrumentation. A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time; also the reading at sight from an easy score of a classical composer.

(h) Two compositions to be sent in by a candidate, to be received by the Secretary of the Examining Board not later than the last day of the second week in April. One to be an unaccompanied vocal work (not an anthem) showing considerable vocal resource; the other to be a work for strings, or combination of not less than four instruments or full orchestra. The works may be in any form and the instrumental composition should take not less than seven minutes to perform. Candidates, when submitting their compositions, must send at the same time, a signed statement to the effect that the works are their own unaided efforts. The proper form for this purpose must be obtained from the Secretary.

(i) Viva voce.

REQUIREMENTS FOR THE DIPLOMA OF LICENTIATE OF MUSIC

(For Fees, see page 397)

Candidates may elect to be examined either in:—

Class 1—Theoretical Subjects and Composition, or

Class 2—Practical Subjects as Performers, or as

Class 3—Teachers in both Theory and Practice.

CLASS 1—THEORETICAL SUBJECTS AND COMPOSITION

First Examination

(a) Advanced Rudiments, including Sight Reading and Ear Tests.

(b) The Harmony and Counterpoint paper of the Highest Grade Local Centre theoretical examinations.

(c) History and Form and Analysis paper of the Highest Grade Local Centre theoretical examinations.

Second Examination

Requirements a, b, c, and d are the same as those for the First Examination for Mus. Bac. (See page 401).

(e) Composition of a song (or two short songs) or a miniature suite for piano (or piano and violin, or any other combination), or an arrangement for S.A.T.B. (unaccompanied) or three female voices (accompanied or unaccompanied) of any genuine folk-song. *The parts must show character and independence.* The M.S. must be in the hands of the Secretary of the Examining Board, McGill Conservatorium of Music, Montreal, not later than the last day of the second week in April.

Third Examination

Requirements a, b, c, d and e are the same as those of the Second Examination for Mus. Bac. (See page 401)

(f) Practical work on pianoforte or organ. The requirements are those of the Senior Grade of the practical local examinations. Exemption from this test may be claimed if candidates possess certificates showing that they have passed that examination.

(g) Composition of (1) a movement in Sonata form (for either pianoforte, or organ, or violin and pianoforte, or any other combination); or (2) a Chorus with independent accompaniment for strings or some combination of orchestral instruments (*not an anthem*); *or* (3) an extended composition for strings. This must be received by the Secretary not later than the last day of the second week in April.

(h) Viva voce.

See the Announcement of the Faculty of Music for details of Practical Instruction.

LOCAL CENTRES

The following places have been adopted as centres for public examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as some of those for Degrees and Diplomas, are held at these centres.

Amherst	Hon. Representative: R. B. Curry, Esq. Hon. Secretary: Mrs. Geo. R. Shiers, 35 Robie St.
Assiniboia	Hon. Representative: The Superintendent of Schools.
Aylsham	Hon. Representative: Rev. L. E. Anderson. Hon. Secretary: Mrs. R. S. Valleau.
Brandon	Hon. Representative: Principal of Brandon College Institute.
Brockville	Hon. Representative: Rev. J. G. Sparling. Hon. Secretary: Mrs. M. MacOdrum, West Pine St.
Calgary	Hon. Representative: A. Calhoun, Esq., City Librarian, Public Library.
Campbellton	Hon. Secretary: Miss Laura Alford.
Charlottetown	Hon. Representative: H. H. Shaw, Esq., B.Sc. Hon. Secretary: Miss E. Lillian McKenzie, Mus.B. (McGill), 277 Richmond Street.
Cookshire	Hon. Representative: Rev. A. E. Tulk. Hon. Secretary: Miss E. J. Ball.
Cranbrook	Hon. Representative: Principal of the High School. Hon. Secretary: Mrs. D. Finlayson.
Edmonton	Hon. Representative: Hon. A. C. Rutherford, 912-916 McLeod Building. Hon. Secretary: Mrs. O. J. Walker, L.Mus. (McGill), 11103 Saskatchewan Drive.
Fernie	Hon. Representative: Angus McPhee, Esq Hon. Secretary: Miss S. E. West.
Fort Qu'Appelle	Hon. Representative: W. H. Thompson, Esq.
Fredericton	Hon. Representative: The Very Rev. Dean W. H. Moorhead, M.A., L.S.T. Hon. Secretary: W. J. Smith, Esq., A.R.C.O., 679 Union St.

Glace Bay.....Hon. Representative: Rev. C. R. F. MacLennan, 16 York St.
Hon. Secretary: Miss Agnes McNee.

Gladstone.....Hon. Representative: Dr. E. H. Whelpley.
Hon. Secretary: David B. McHardy, Esq., 200 Manderville St., Winnipeg.

Granby.....Hon. Representative: Dr. G. A. Runnells, 35 Dufferin Street.
Hon. Secretary:

Halifax.....Hon. Representative: Rev. S. H. Prince, University of King's College.
Hon. Secretary: Miss Ada Hoyt, 3 College St.

Indian Head.....Hon. Representative: Dr. F. W. Hart.

Kamloops.....Hon. Representative: Mrs. P. H. McCurrach, B.A.

Kentville.....Hon. Representative: Rev. A. A. McLeod,
Hon. Secretary: Mrs. J. Stanton Rockwell.

Kerrobert.....Hon. Representative: R. L. Hanbidge, Esq., K.C.
Hon. Secretary: Miss L. G. Miller.

Kimberley.....Hon. Representative: A. E. Oughtred, Esq., B.A.
Hon. Secretary: Mrs. T. A. Martin.

Lethbridge.....Hon. Representative: A. J. Watson, Esq., Supt. of Schools, Central School.
Hon. Secretary: Miss Jennie King, Coaldale, Alta.

Lytton.....Hon. Secretary: Miss Bertha Dillon, L.Mus. (McGill).

Macgregor.....Hon. Representative: Rev. J. R. Johns.

Maxville.....Hon. Secretary: Miss Netta McEwen, Box 294.

Melfort.....Hon. Representative: J. N. Gale, Esq., P.O. Box 280.
Hon. Secretary: Mrs. J. J. Busch.

Moncton.....Hon. Representative: Rev. J. A. Ramsay, The Manse, Alma St.
Hon. Secretary: Miss Marion Murray, 185 Mountain Road.

Moose Jaw.....Hon. Representative: A. H. Gibbard, Esq., B.A., City Librarian, Public Library.

Nelson.....Hon. Representative: H. E. Dill, Esq., 418 Mill St.

New Glasgow	Hon. Secretary: R. G. Humphreys, Esq., Evening News Bldg.
Ottawa	Hon. Representative: Dr. Duncan Campbell Scott, Government Offices, Booth Bldg. Hon. Secretary: Kenneth R. Meek, Esq., Mus.B., L.Mus. (McGill), Stewarton Church.
Pembroke	Hon. Secretary: Miss E. Moore, R.R. No. 1, Pembroke, Ont.
Penticton	Hon. Representative: Rev. Canon G. Thompson. Hon. Secretary: Miss Monica L. Craig, L.A.B.
Peterboro	Hon. Representative: John T. Donaldson, Esq., 223 Crescent St. Hon. Secretary: F. G. Mann, Esq., 199 London St.
Pictou Academy	Hon. Representative: Dr. J. Bingay. Hon. Secretary: Miss Eva Skinner.
Plattsburgh Saranac Lake Ogdenburg Chazy	Hon. Representative: J. A. McHattie, Esq.
Malone	Hon. Secretary: Miss Isabelle Douville, 117 East Main Street.
Quebec	Hon. Representative: Dr. G. W. Parmelee, Parliament Bldgs. Hon. Secretary: Miss Edith Latter, 49-Ninth St., Limoilou, P.Q.
Regina	Hon. Representative: Rev. A. D. Mackenzie, 2124 Rae St. Hon. Secretary: Mrs. J. Radcliffe Suart, L.Mus. (McGill), 1416 Rae St.
Revelstoke	Hon. Representative: Rev. C. R. McGillivray. Hon. Secretary: Miss Shella Dickey.
Rothesay	Hon. Secretary: Miss A. Davidson, L.Mus. (McGill).
St. John	Hon. Representative: Rev. C. Gordon Lawrence, M.A., 50 Orange St. Hon. Secretary: Miss Eileen Gillis, L.Mus. (McGill), 2 Chipman Place.

Saskatoon	Hon. Representative: W. A. Gilchrist, Esq., Canada Bldg. Hon. Secretary: Geo. C. Palmer, Esq., L.R.A.M., 652 University Drive.
Sherbrooke	Hon. Representative: W. O. Rothney, Esq., M.A., Ph.D., Bishop's University, Lennoxville. Hon. Secretary: Wright W. Gibson, Esq., M.A., High School.
Stellarton	Hon. Secretary: L. N. Miller, Esq., L.Mus. (McGill), Box 44.
Sutton	Hon. Representative: Ven. Archdeacon H. Charters, B.A., L.Th. Hon. Secretary: Miss Gertrude Gingras.
Sydney Mines	Hon. Representative: Rev. L. H. Crandall. Hon. Secretary: H. A. Briers, Esq., Box 438.
Sydney	Hon. Representative: G. G. Campbell, Esq., B.A. Hon. Secretary: A. J. McKnight, Esq., 63 Rockdale Ave.
Timmins	Hon. Representative: Rev. W. Linder. Hon. Secretary: E. Nathanson, Esq., 168 Pine St. Sth.
Truro	Hon. Representative: C. G. Mosher, Esq. Hon. Secretary: Miss M. M. Carter, 135 Dominion Street.
Vancouver	Hon. Representative: G. E. Robinson, Esq., B.A., British Columbia University. Hon. Secretary: Roy Robertson, Esq., 1655 West Broadway.
Victoria	Hon. Secretary: Dr. J. E. Watson, 635 Fort St.
Winnipeg	Hon. Representative: John Parton, Esq., 356 Main St.
Wolseley	Hon. Representative:——— Hon. Secretary: Mrs. Anna P. Thomson.
Yarmouth	Hon. Secretary: Mrs. G. D. Raymond, Brunswick St.
Yorkton	Hon. Representative: E. A. Crosthwaite, Esq., Principal, Simpson School, Yorktown, Sask. Hon. Secretary: Mrs. R. H. Johnston, 164—2nd Ave. N.

FACULTY OF GRADUATE STUDIES AND RESEARCH

GENERAL STATEMENT

The Faculty of Graduate Studies and Research directs and controls all courses leading to the higher degrees and recommends candidates for these degrees.

The members of the Faculty are the Deans of the other University Faculties and all Professors and Associate Professors who conduct advanced courses of study or who superintend advanced research work leading to the degrees awarded by the Faculty. Other members of the University may be elected members of the Faculty in full session upon proper notice of motion.

Appointments to the Faculty are subject to the approval of Senate.

There are two divisions of the Faculty, known as "The Arts Division" and "The Science Division." The Arts Division includes the following Departments of study: Classics, Economics and Political Science, Education, English, French, German, History, Law, Music, Philosophy, Sociology, and Theological Studies. The Science Division includes all other Departments of study represented in the Faculty. The Departments of Mathematics and Psychology are, however, members of both divisions.

Each division makes all rules and regulations affecting the admission of candidates for higher degrees to the Departments which it includes, and the requirements for all degrees awarded for work in these Departments. Each division meets at least once annually in the month of April for the election of officers and of committees and for general business.

Each division of the Faculty elects annually a Divisional Committee. "The Committee of Graduate Studies in Arts" consists of not less than four, and not more than twelve members, including the Dean. "The Committee of Graduate Studies in Science" consists of not less than four, and not more than ten members, including the Dean. These Committees, subject to the direction and approval of their proper divisions, examine and pass upon the academic records of all students. They also recommend all candidates for degrees to the Faculty in full session.

The Dean is a member, and Chairman of both divisions, and of all general Committees of the Faculty, and all their meetings are called by him or under his direction.

The Dean consults the appropriate Divisional Committee if a candidate's qualifications for admission are doubtful or if a student's record is unsatisfactory.

There is an Executive Committee of the Faculty, consisting of the Dean and two members appointed by and from each Divisional Committee. This Committee, subject to the direction and approval of the Faculty, deals with all matters of general policy and all executive matters as, for example, the annual calendar, the preparation of the annual announcement, finances, fees, registration, and all matters of routine.

BOARD AND RESIDENCE

I. For Men

See page 160.

II. For Women

Women students may make arrangements to lunch at the Royal Victoria College and are invited to consult the Secretary of this college concerning boarding houses and the following, which they are eligible to join:

1. The Alumnae Society of McGill University.

2. The University Women's Club, 3492 Peel St.

This club has a number of bedrooms for members.

IMMIGRATION

See page 149.

ADMISSION

Advanced courses of instruction are offered to students who are graduates of any University of recognized standing, and who have at least second class honours, or the equivalent of at least second class honours as granted by McGill University, in the subject in which they desire to take their major work. In the particular case of students proceeding to an M.A. degree in Education, distinction in the general course will be accepted as a qualification for admission. Admission to these advanced courses does not in itself imply candidacy for a higher degree.

CLASSES OF STUDENTS

1. Those who are fully approved by the Divisional Committees are termed "graduate students."

2. Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a degree, are termed "partial students of the Graduate Faculty."

3. Those students who are not sufficiently prepared to rank as "graduate students" can apply to the respective Faculties for admission to undergraduate studies. These students are not registered in the Graduate Faculty, but must register as partial students in the undergraduate Faculty in which they take courses.

REGISTRATION

Applications for registration as a graduate student should be made in triplicate on special printed forms which may be obtained at the Dean's Office. Applicants who are not McGill graduates must submit a certified copy of their complete academic record. These applications, duly signed, must reach the Dean's Office not later than October 7th, 1938, otherwise a late fee of $5.00 will be charged.

Candidates must consult the Department or Departments in which they intend to study, regarding the course they desire to pursue, in time to attend the regular courses of instruction which begin on September 29th, 1938. Formal application for permission to attend courses must be filled up by the student and signed by the Head or Heads of these Departments, by the Professors under whom the applicant intends to study, and filed with the Dean of the Faculty of Graduate Studies and Research as early as possible, and at the latest by October 7th.

As soon as the candidate's course has been approved by the Division of the Faculty concerned, he must register without delay at the Registrar's Office. He will not be given credit for attendance until he does so. Candidates must register and pay their fees not later than October 19th 1938, otherwise the prescribed penalty for late registration and late payment of fees will be enforced.

Candidates whose courses extend for more than one year must fill in application forms and register at the commencement of each year of their course. If not registered at the beginning of the academic year, as provided above, the candidate will not be eligible for the degree at the following Spring Convocation.

Candidates who have completed their courses, who have not yet presented their thesis, and who are no longer in residence at McGill University, must register at the beginning of the session in which they present their thesis, with the usual registration fee of $10. It is also necessary for them to register at the Registrar's Office, by correspondence, in order to keep their name on the books of the University.

DEGREES

Graduate students may proceed to one or other of the following degrees:—Master of Arts, Master of Science, Master of Engineering, Master of Commerce, Master of Civil Law, Doctor of Philosophy, Doctor of Civil Law, Doctor of Literature, Doctor of Science, Doctor of Music.

COURSES AT MACDONALD COLLEGE

Graduate students who are taking the major part of their work at Macdonald College may go into residence there and can take, when required, other graduate courses given at the University.

Students wishing to reside in Macdonald College should send in their application for accommodation to the Registrar, Macdonald College, Que., as soon as possible.

Any fees in connection with courses taken at Macdonald College are payable to the Bursar of Macdonald College.

FELLOWSHIPS, SCHOLARSHIPS AND MEDALS

Details of Fellowships, Scholarships, Bursaries, Medals and Loan Funds are given on pages 136 to 144.

In several Departments graduate students are eligible for demonstratorships and instructorships. Information concerning these may be obtained from the Head of the Department concerned.

FEES

1. For degree of M.A. (non-science subjects)
   M.Com. and M.C.L.
   - First Year Students $140.00
   - Any subsequent year of residence 125.00

2. For degree of M.A. (Science subjects involving laboratory work)
   M.Sc., and M.Eng.
   - First Year Students 160.00
   - Any subsequent year of residence 150.00

3. For degree of Ph.D. (non-science subjects)
   - First Year Students (See Section 7) 140.00
   - Second Year Students 125.00
   - Third Year Students 125.00
   - Any subsequent year of residence 25.00

4. For degree of Ph.D. (Science subjects involving Laboratory work)
   - First Year Students (See Section 7) 160.00
   - Second Year Students 150.00
   - Third Year Students 150.00
   - Any subsequent year of residence 150.00

5. A student who has completed his course but has not completed his thesis pays a registration fee of $10.00 at the beginning of the session in which he intends to present his thesis. If he has not paid tuition fees in accordance with the above schedule, he is also required to pay a Graduation Fee of $20.00 for a Master's degree and $35.00 for a Ph.D. degree.

6. A student permitted by his Department to take the work for the Master's degree spread over more than one year pays the first year's fee, and a fee of $25.00 for each subsequent year of residence. If a course or courses have to be repeated the regular fee applies.

7. The year or years of study for the Master's degree counts as the first year of the Ph.D. degree.

8. A student permitted by his Department to take the work for the Ph.D. degree spread over more than three years pays a fee of $25.00 for each year of residence subsequent to the third year. If a course or courses have to be repeated the regular fee applies.

9. Any student taking a lecture course or doing laboratory work or receiving guidance or consultation from any member of the staff is considered to be in residence. He must register and pay fees as above.

10. The full fees are inclusive, and cover tuition, laboratory graduation, library, health and athletics and Graduate Students' Association.

11. Students taking qualifying courses register in the Faculty in which they are taking the courses, and pay the partial tuition fee of that Faculty with a maximum of One hundred and fifty dollars.

12. Graduation Fee for the degree of D.Litt., D.C.L., D.Sc., and Mus.Doc. $100.00

13. A candidate for any of the above degrees who fails in his thesis may present a revised thesis once again, in a subsequent year, upon payment of the following fees:

Master's Degree	10.00
Ph.D. Degree	20.00
D.Litt., D.C.L., D.Sc. & Mus.Doc.	50.00

There is no fee for the degrees when granted "honoris causa."

14. For degree conferred "in absentia" 10.00

15. Fees for Supplemental Examinations, granted under special circumstances, by permission of the Dean, are payable in advance, per paper 10.00

16. The fee for special Ph.D. language examinations is..... 5.00

17. French Summer School students taking the advanced Summer Course in French are remitted $25.00 from the M.A. fee for each Summer Session but are required to pay the Enrolment Fee when submitting their application to the Graduate Faculty. Students who have completed four Summer Sessions in French (or the equivalent) are excused the in absentia fee when they obtain an M.A. degree.

18. Fees are due and payable at the Bursar's Office on or before October 19th. If paid by instalments the second instalment is due on February 1st. An additional $2 is charged for payment by instalments. An additional $2 is charged for payment after the specified dates.

19. Immediately after October 19th a list of students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be re-admitted to any class until instructions have been received from the Bursar that the fees have been paid.

20. Late fees are charged as follows:—

Application forms, after October 7th	$5.00
Registration at Registrar's Office, after October 19th	5.00
Payment of fees, after October 19th	2.00

21. Each student in Chemistry is required to deposit the sum of $20 as Caution Money, to cover 10% of the cost of all chemicals and other supplies used by the student, and damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

22. All resident students with the exception of those at Macdonald College, are entitled to the following health and athletic privileges:—

    (a) Medical examination; daily consultation service and hospital treatment, as furnished to undergraduates.

    (b) Tennis privileges during the session and summer privileges on the same basis as undergraduates. (Present summer fee $5.00.)

    (c) Social skating privileges on the campus rink.

    (d) Opportunities for exercise with various athletic clubs and eligibility for intercollegiate and other teams.

    At Macdonald College, graduate students are required to live in residence and are entitled to medical attendance, major operations excepted, on the same basis as other students in residence. Graduate students at Macdonald College are entitled to participate in the activities of the various organizations and have one representative on the Men's Residence Committee. Graduate students who desire to take part in Athletics may do so upon the payment of the regular undergraduate subscription. A special fee is payable by those who desire student publications and the use of tennis courts.

23. All students in the Faculty of Graduate Studies and Research are members of the Graduate Students' Association.

24. All fees are payable in Canadian currency.

RESEARCH ASSOCIATES

This title is intended to provide recognition, and status on the university records for investigators of mature scholarship who are not members of the staff of McGill University but are attached to a department on the grounds that their assistance is required in the interests of a current program of research. Research Associates must not be proceeding to a degree, nor must they be receiving emoluments for the research work they are performing, unless these funds are derived from some institution for the advancement of learning, outside McGill University.

GENERAL RULES CONCERNING HIGHER DEGREES

1. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lectures or six hours of conference work or twelve hours of supervisory work in laboratories per week; or any student doing an equivalent amount of work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the degree of Ph.D. Members of the teaching staff only may apply in writing to the Dean, on the written recommendation of the Head of the Department, to pay half fees for each of two years that shall count as one year of residence.

2. No full-time student registered in any professional Faculty of the University may register for a graduate degree without the special permission of both Faculties in full session.

3. A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned.

4. **Major and Minor Subjects.** A higher degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject*. In certain cases, a *minor subject* may also be taken if this subsidiary subject is approved by the Head of the Department which has charge of the major subject and by the Head of the Department of the minor subject. A student should determine whether he

is to take a minor subject or not by consulting the Head of the Department of his major subject.

5. **Cognate Subjects.** Certain allied or "cognate" courses may also be taken in conjunction with the major subject. These must be entered on the application form and signed by the Head of the Department concerned.

6. Each Department has full liberty to recommend or require a student to take a course or courses in another Department.

7. A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned.

CLASSIFICATION OF MARKS

100-75%	First Class
74-60%	Second Class
Below 60%	Failure

THE DEGREES OF MASTER OF ARTS (M.A.), MASTER OF SCIENCE (M.Sc.), MASTER OF ENGINEERING (M.Eng.), MASTER OF CIVIL LAW (M.C.L.,) AND MASTER OF COMMERCE (M.Com.)

1. **Normal Procedure for the Master's Degree.**

When a student enters the Faculty he interviews the Head of the Department of his major subject and is assisted in the selection of his courses. He is then directed to consult the professor under whose general direction his research work and his thesis will be completed. The courses and the subject of the thesis have then to be submitted to the Dean for approval by the Faculty. Three application forms must be obtained from the Dean's secretary, filled, signed, and returned before October 7th. Fees must be paid before October 19th, as soon as the application form has been marked approved and returned.

Examinations. The student must pass the examinations of the courses he has taken and the marks or classes he obtains are part of his qualifications for the degree. All courses entered on the application forms are for examination, unless otherwise stated.

Thesis. He must also present a thesis on some topic connected with his major subject. The title of the thesis must have been previously submitted to the Head of the Department concerned and to the Divisional

Committee concerned for their approval in writing. It must be in some measure a contribution to knowledge and must also be written in good literary style. *For further information regarding theses, see page 422.*

Residence. At least one full session or two half-sessions of resident study at McGill University is required for a Master's degree.

2. Special Concessions for Civil Servants.

With regard to the M.Sc. and M.Eng. (which may be the first year of the Ph.D. course), the following concessions are approved:

(1) Candidates for the degrees of M.Sc. or M.Eng. who are graduates of McGill University and have had two or more years' experience in a Government Department, performing as their main duty, work of the same type as that proposed for research, may, on recommendation of a Department and with the approval of the Faculty in full session, have their residence requirements reduced to one-half session only. It is understood that these candidates must take the usual final examination in all subjects required.

No special concessions can be made to Civil Servants who are graduates of universities other than McGill.

(2) A Government laboratory may be approved by the Faculty as a research institution (see page 418).

3. The Degree of Master of Arts.

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following Departments of study, which rank as "subjects":—

Botany	Geological Sciences
Chemistry	German
Chemistry (Agricultural)	History
Classics	Mathematics
Economics and Political Science	Physics
Education	Philosophy
English Language and Literature	Psychology
French Language and Literature	Sociology
Genetics	Zoology

Certain Theological studies may be taken as a minor subject only. See page 463.

Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent elsewhere in the subject or subjects which they propose to study.

4. The Degree of Master of Science.

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following Departments of study:

Agronomy
Anatomy
Animal Nutrition and Breeding
Bacteriology and Immunity
Bacteriology (Agricultural)
Biochemistry
Botany
Chemistry
Chemistry (Agricultural)
Civil Engineering and Applied Mechanics
Electrical Engineering
Entomology
Experimental Medicine and Surgery
Genetics
Geological Sciences
Horticulture
Mathematics
Mechanical Engineering
Metallurgical Engineering
Mining Engineering
Neurology and Neurosurgery
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

Candidates must hold a Bachelor's degree with at least second class in an Honours course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

5. The Degree of Master of Engineering.

Instruction for the degree of Master of Engineering is given in the following Departments of study, which rank as "subjects", in which definite courses may be selected:

Civil Engineering
Electrical Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

Candidates must hold the Degree of Bachelor of Engineering, or an equivalent degree, and their undergraduate academic rank must, in general, be equivalent to high second-class standing.

The establishment of the Degree of Master of Engineering does not prevent a properly qualified holder of the Degree of Bachelor of Engineering, or the equivalent, from proceeding to the Degree of Master of Science in pure science.

6. The Degree of Master of Civil Law.

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Civil Law is provided in the following Departments of study which rank as "subjects."

Roman Law
Civil Law
Commercial and Maritime Law
Public Law

(Courses in all subjects will not necessarily be offered each year.)

Candidates must hold the degree of B.C.L. from McGill University, or its equivalent. They must be well qualified students who have obtained at least second class honours in the subject which they propose to take and in the course as a whole.

One only of the above subjects may be taken.

Each candidate is required to take at least one course in his subject involving at least one year of resident study.

In addition he is required to meet in personal conference, at least once a week, the professor under whose supervision he is preparing his thesis.

For further details consult the Secretary of the Faculty of Law.

7. The Degree of Master of Commerce.

The candidate must hold the degree of B.Com.

Graduates of the School of Commerce at McGill must have passed the full course in Economics laid down in the undergraduate curriculum with at least a creditable average second class standing.

Graduates of other universities must offer the equivalent of the McGill requirements in Economics and Political Science.

Application for admission must be approved by the Director of the School of Commerce and the Head of the Department of Economics.

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

1. Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B.Eng. with Honours, or B.Sc. (Agr.) with Honours, or M.D. with Honours from McGill University or its equivalent.

2. They must follow a course of at least three years' resident study at a University or other institution of higher learning or research. Of these three years, at least one year for graduates of McGill and two years

for candidates who are not graduates of McGill, must be spent at this University, including preferably the final year. The other years may be spent at institutions approved by the Faculty. Special exceptions regarding resident study may be made with the consent of the proper Divisional Committee and the Faculty. The evaluation of work done in other institutions for the degree is decided by the proper Committee of the Division of the Faculty, and this Committee may require the student to attend before them to report on his work, and may require him to pass a special examination on his work.

A student who has obtained his Master's Degree at McGill University or elsewhere and is proceeding to a Ph.D. counts the work done for the former as the first year of his resident study for the Doctor's degree.

3. Candidates must select one major subject. Minor or cognate subjects may be selected, with the consent and approval of the Head of the Department in which the major subject is taken, subject to the advice and agreement of the Heads of the other Departments concerned.

Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:—

Agricultural Chemistry
Anatomy
Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Economics and Political Science
Entomology
Experimental Medicine and Surgery
Genetics
Geology
History
Neurology and Neurosurgery
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

In special cases, Departments may be able to provide courses in other subjects which will lead to this degree. Candidates, therefore, desiring to proceed to the degree of Doctor of Philosophy in other Departments than those mentioned above should make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

4. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Heads of the several Departments concerned and to the Divisional Committee concerned, and have received their approval.

5. *Preliminary Examination.* The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation.

The candidate's preliminary examination is held at the end of the second year, or at a time selected by the Head of the major Department, unless otherwise specified by Departmental regulations approved by the Faculty. This examination covers all graduate work previously taken by the candidate, including his prescribed reading and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination is both written and oral.

The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of his thesis.

After his thesis has been received and approved, a special and more searching final oral examination on the subject of his thesis and subjects more intimately related to it is held. This is conducted in the presence of a Committee of at least four members of the Faculty of Graduate Studies.

6. Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German.

The language examinations are set by the Department in which the candidate is taking his major; the passages chosen are typical of the literature of his major subject, and the Department concerned may conduct and correct the examination, if it so desires.

Candidates are advised to take one language at the commencement of their first year and the other at the commencement of the second year, but both language tests should be passed not later than one month before the preliminary Ph.D. examinations. These examinations are held during the first ten days of December without fee. Examinations may be held at other dates only under exceptional circumstances, and with the approval of the Dean, in which case a fee of $5.00 per candidate must be paid in advance, for each examination.

7. *Thesis.* The thesis for the Doctor's degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Head of the Department in which the major subject is taken, and also by the Faculty of Graduate Studies and Research, at least twelve months before the date of the final examination.

8. Three copies of the thesis must be provided by the candidate.

9. The regulations concerning theses are stated on pages 422, 423. Special regulations for the Ph.D. in Economcis are stated on page 435 and in History on pages 448, 449.

REGULATIONS FOR THE DEGREE OF DOCTOR OF CIVIL LAW (D.C.L.)

Any person who has graduated as a B.C.L. from McGill University may after seven years from such graduation proceed to the degree of Doctor of Civil Law, provided he has distinguished himself by eminent services in the domain of law, and provided he has written a thesis on a subject previously approved by the Faculty of Graduate Studies and Research, and that such thesis has been adjudged by that Faculty to be a valuable contribution to legal science. The candidate may, instead of a thesis, submit a published book or books dealing in a scientific way with some branch or branches of law. A very high standard is required for this degree, but it does not call for any resident graduate study in the University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF LITERATURE (D.Litt.)

Bachelors of Arts of McGill University who are graduates of at least seven years' standing, and have distinguished themselves by special research and learning in the domain of arts and literature, may submit their published works to the Faculty of Graduate Studies and Research and apply for the degree of Doctor of Literature. A very high standard is required for this degree which does not call for resident graduate study at the University. Graduates of other Universities are not eligible for this degree. All applications should be addressed to the Dean of the Faculty of Graduate Studies and Research, McGill University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF SCIENCE (D.Sc.)

Bachelors of Arts, Bachelors of Science, Bachelors of Engineering, or Doctors of Medicine of McGill University who are graduates in one or other of these Faculties of at least seven years' standing and who have distinguished themselves by special research and learning in the domain of science, may submit their published works to the Faculty of Graduate Studies and Research and apply for the degree of Doctor of Science. A very high standard is required for this degree, but it does not call for resident graduate study at the University. Graduates of other Universities are eligible for this degree, only if they have been for a minimum of seven years members of the professorial staff of McGill University. All applications should be addressed to the Dean of the Faculty of Graduate Studies and Research, McGill University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC (Mus.Doc.)

Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the degree of Doctor of Music, the requirements for

which are a composition in extended form, such as an oratorio, opera or cantata. This exercise must have as its first number an introductory orchestral movement in the form of a concert overture, must contain some eight-part writing and fugal treatment, and must be scored for a full orchestra. If preferred, a candidate may present a composition scored for full orchestra in the form of a symphony, symphonic poem or tone poem occupying not less than forty minutes in performance. The University may, if it elects to do so, order the candidate to give a public performance of this original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed work.

Graduates of other Universities can, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus.Bac., if they wish to proceed to the further degree of Mus.Doc., provided they secure permission to do so from the Executive of the Faculty of Graduate Studies and Research, the period of seven years referred to above to be counted from the date on which they received the degree of Bachelor of Music from their own University.

REQUIREMENTS FOR MUS. DOC.

Harmony up to eight parts; Counterpoint up to eight parts (Strict and free); Instrumentation; Canon four and two; Fugue up to five parts; History of Music; Form and Analysis based on knowledge of Beethoven's nine symphonies, Brahms' second and third symphonies, Strauss Tone Poem, Death and Transfiguration, Wagner's Meistersinger and Tannhauser Overtures, either Bach's St. Matthew Passion or Beethoven's Mass in C, and Mozart's Magic Flute or Wagner's Parsifal.

REGULATIONS CONCERNING THESES

In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than April 27th. Theses for the degree of Ph.D. must be handed in on or before April 23rd.

All theses for the degree of Master of Science, or of Engineering which involve experimental work, must be in the hands of the Dean not later than May 6th.

The theses of students who wish to graduate at the Fall Convocation, must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than September 6th.

All theses submitted by successful candidates for higher degrees are bound and placed in the Library. Candidates for such degrees are therefore advised that the Faculty of Graduate Studies and Research requires these to be prepared in accordance with the following specifications:—

(1) The paper is to be of uniform size, 8½ x 11 inches, and of substantial quality.

(2) The left-hand margin is to have a uniform width of about 1½ inches. Drawings larger than the prescribed page should be folded in the manner most suitable for binding.

(3) Theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(4) No binding is necessary, but the loose sheets must be placed, unfolded, in a manila envelope in the order of their pagination. On the outside of each envelope must be written clearly the name of the candidate, title of thesis, degree, date, and Copy I, II or III.

(5) Copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with possible consequent delay in the granting of the degree.

(6) Every thesis should have an abstract or sufficient table of contents, and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge made by the author.

(7) In the case of candidates presenting themselves for the degree of Doctor of Science, Doctor of Literature or Doctor of Civil Law, three copies of the book or books—or for the degree of Doctor of Civil Law, should a thesis be substituted, three typewritten copies of the thesis—must be submitted to the Dean of the Faculty of Graduate Studies and Research not later than February 14th of the year in which the candidate desires to take the degree.

(8) If a thesis is rejected it cannot be submitted again, in a revised form, more than once.

SUMMARIES OR ABSTRACTS OF THESES

(9) Three copies of a statement must also be presented, on a separate sheet, giving the author, title of thesis, and a summary not exceeding 150 words. These statements are printed and circulated to various Libraries, to the Deans and Heads of Departments at McGill University, to members of the Association of American Universities and to Canadian Universities. For all particulars, apply to the Secretary to the Dean of the Faculty.

COURSES OF GRADUATE STUDY

DEPARTMENT OF AGRONOMY
(Macdonald College)

PROFESSOR:—ROBERT SUMMERBY

ASSISTANT PROFESSORS:—L. C. RAYMOND, E. A. LODS

LECTURER:—J. N. BIRD

The Department is well equipped to conduct research with crop plants particularly in relation to breeding.

All the important periodicals, scientific journals, books and bulletins on Agronomy and related subjects, are available to students in either the McGill, Macdonald College or Agronomy Department Libraries.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take Agronomy as a major subject must have had a good training and achieved high standing in Agronomy, Botany, Chemistry, and Genetics. Those who have not had adequate training in these subjects must rectify any such deficiency.

A. Experimentation.

One lecture and two laboratory periods per week for one term.
Professor Summerby.

B. Hay and Pasture Crops.

Two lectures and one laboratory period per week for one term.
Mr. Bird.

C. Corn and Root Crops.

Two lectures and one laboratory period per week for one term.
Professor Raymond.

D. Grain Crops.

Three lectures and three laboratory periods per week for one term.
Professor Lods.

E. Seminar.

Fortnightly, during the year. Professor Summerby and Staff.

Students whose major subject is Agronomy may elect, or may be required to take courses in allied subjects.

It is recommended that candidates spend at least one summer in the Department before or during the course.

DEPARTMENT OF ANATOMY, HISTOLOGY AND EMBRYOLOGY

PROFESSOR OF ANATOMY:—C. P. MARTIN

PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON

ASSISTANT PROFESSORS:—H. D. O'BRIEN, H. SELYE

The department offers facilities for research work leading to the degrees of Master of Science and Doctor of Philosophy in Anatomy.

Qualifications for Admission

All candidates should consult the Head of the Department before entering this course.

Candidates must have attained high standing in Anatomy 1 and 2 or in Microscopic Anatomy 5 and 6 and Embryology 7 at McGill, or the equivalent. They must have obtained a B.Sc., B.A., or M.D. degree.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

1. Physical Anthropology (Anatomy 4).

or 2. Advanced Microscopic Anatomy.

and 3. Participation in the Biological Colloquium.

4. Laboratory work.

The thesis must be on some approved subject in Anatomy, Physical Anthropology, or Microscopic Anatomy.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Following the work for the Master of Science degree, the student must specialize in either:—

(a) Microscopic Anatomy, including Comparative Anatomy and Physical Anthropology.

or (b) Microscopic and Experimental Anatomy, taking cognate courses in Cytology and Genetics.

Seminars will be held regularly in these subjects.

A comprehensive examination will be held at the end of the second year.

The general rules of the Faculty concerning residence examinations, research, and thesis requirements are stated elsewhere.

DEPARTMENT OF ANIMAL NUTRITION AND BREEDING
(Macdonald College)

PROFESSOR:—R. L. CONKLIN

ASSOCIATE PROFESSOR:—E. W. CRAMPTON

ASSISTANT PROFESSOR:—W. A. MAW

LECTURER:—A. J. G. MAW

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Adequate facilties are available for the courses listed below and for research.

A. Nutrition.

1A—Animal Nutrition .....Professor Crampton

2A—Poultry Nutrition .....Professor W. A. Maw

Hours variable

B. Animal Breeding. (Facilities for poultry work only).

Hours variable .....Dr. A. J. G. Maw

C. Animal Physiobgy.

Prerequisite: The undergraduate course in Physiology offered at Macdonald College or its equivalent. It is also advised that the student have some knowledge of Comparative Anatomy.

(a) Lectures and demonstrations. Physiology of digestive-genito-urinary systems and the endocrine glands.

Times to be arranged.....Professor Conklin

D. Experimentation. Hours variable.....Professor Crampton

E. Seminar .....Staff

M.Sc. Course Requirements: For major in Nutrition Courses A and E with minors (Physiology) or (Biochemistry, Dept. of Chemistry, Macdonald College). For major in Breeding (poultry) Courses B and E with minors in (Genetics) and *or* (Physiology).

BACTERIOLOGY

PROFESSOR:—E. G. D. MURRAY

ASSOCIATE PROFESSOR:—FREDERICK SMITH

ASSISTANT PROFESSOR:—T. E. ROY

LECTURER:—C. D. KELLY

LECTURERS:— D. H. STARKEY, RUTH P. DOW, N. W. MCLELLAN

TEACHING AND RESEARCH FELLOW:—W. H. MATHEWS

Qualifications for admission to the course.

(1) A B.Sc. degree with at least second class honours in Bacteriology and Immunity at McGill University, or its equivalent elsewhere.

or (2) An M.D. degree with high standing in Bacteriology, Pathology, and Immunity.

Courses and other facilities available.

A. The more advanced lectures and classes given in the Department to the Science Division of the Faculty of Arts and Science, and to the Faculty of Medicine will be available to candidates for the M.Sc. degree.

B. Conferences will be held with candidates guding them in their reading, helping with technique, and discussng the theory and practice of Bacteriology and Immunity, as well as of individual researches.

C. The practice of the Clinical Bacteriological Services in relation to the Hospitals will also be available to candidates as a means of instruction and a source of material for research and study.

Requirements for the M.Sc. and Ph.D. degrees (see pages 415, 417, 418).

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY
(Macdonald College)

ASSOCIATE PROFESSOR:—P. H. H. GRAY

LECTURER:—E. T. BYNOE

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Soil Microbiology ..... Professor Gray

Reference book: Waksman: Principles of Soil Microbiology: 2nd edn. (Williams & Wilkins, Baltimore).

B. Dairy Bacteriology .....Dr. Bynoe

C. Physiology of Micro-organisms ..... Professor Gray
Text-book: Rahn: Physiology of Bacteria; (Blakiston, Philadelphia).
Reference book: Buchanan & Fulmer: Physiology and Biochemistry of Bacteria; (Williams & Wilkins, Baltimore).

D. Colloquium. (One hour weekly) Review of literature, discussion, and criticism .....The Staff.

A minimum of one lecture and one colloquium hour, and six laboratory hours weekly in any one course will form the basis of instruction.

DEPARTMENT OF BIOCHEMISTRY

PROFESSORS:— { J. B. COLLIP
D. L. THOMSON

LECTURER:—O. F. DENSTEDT

The Biochemical Laboratories are especially equipped for research on endocrine problems, but ample facilities are also provided for research in other aspects of Biochemistry.

Candidates who have satisfactorily completed the Honour course in Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department; all others are expected to spend two years in the Faculty of Graduate Studies and Research before going forward for the degree. Candidates for the Ph.D. degree must pass a general examination in Biochemistry, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend Courses A and B (below) and may, according to their qualifications, be required to take undergraduate courses 2, 3 or 4 in Biochemistry or other cognate subjects. (See page 175).

A. Recent Advances in Biochemistry:
Lectures: Wednesday at 5.
Text-books:—Peters and van Slyke, "Quantitative Clinical Chemistry" (Williams & Wilkins); Allen, "Sex and Internal Secretions" (Williams & Wilkins); Luck, "Review of Biochemistry" (Stanford Univ.); Harrow and Sherwin, "Text-Book of Biochemistry" (Saunders).

B. Advanced Endocrinology:

Lectures: Friday at 5.

DEPARTMENT OF BOTANY

PROFESSOR:—GEORGE W. SCARTH
ASSISTANT PROFESSOR:—R. D. GIBBS
INSTRUCTOR:—JANE D. SPIER

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR HIGHER DEGREES

A. Comparative Morphology and Taxonomy.
Dr. Spier and Professor Scarth.
B. Plant Physiology ..... Professor Scarth and Dr. Gibbs.
C. Cellular Physiology ..... Professor Scarth.
D. Plant Biochemistry ..... Dr. Gibbs.
E. Biological Colloquium ..... Staff and Graduate Students.

Each course consists of two hours lecture and four to six hours laboratory work per week, in addition to prescribed reading.

REQUIREMENTS FOR THE MASTER'S DEGREE

The candidate must satisfy requirements in two of the above courses and also attend the colloquium.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Second year students will take one of the above courses which they did not follow during their M.Sc. year. Further instruction is given mainly by way of conference and direction of study.

DEPARTMENT OF CHEMISTRY

PROFESSORS:— O. MAASS, HAROLD HIBBERT, W. H. HATCHER
ASSOCIATE PROFESSORS:— E. W. R. STEACIE, J. B. PHILLIPS
ASSISTANT PROFESSORS:— J. H. MENNIE, W. H. BARNES, P. G. STEVENS

Adequate laboratory and library facilities are available for the courses listed below and for research. The Pulp and Paper Research Institute affords ample facilities for research on the structure and properties of carbohydrates, cellulose, lignin, wood, and pulp and paper.

COURSES FOR HIGHER DEGREES

A. Advanced Organic.
Three hours per week..... Professor Stevens.

B. Structural Organic Chemistry.
Two hours per week ..... Professor Stevens.

D. Advanced Inorganic.
One hour per week..... Professor Mennie.

E. Advanced Inorganic.
One hour per week..... Professor Mennie.

F. Advanced Physical.
(a) Properties of Matter ..... 2 hrs. per week, 1st term.
(b) Physico-chemical Equilibria ..... 2 hrs. per week, 2nd term.
(c) Phase Rule ..... 1 hr. " " 1st "
(d) Atomic Structure and Radio-activity 1 hr. " " 2nd "
Professor Maass.
Any or all of these sub-divisions, as well as a course in theoretical calculations, may be required.

G. Colloid Chemistry.
One hour per week..... Professor Steacie.
Laboratory courses are available in all of the above when required.

H. History of Chemistry.
One hour per week..... Professor Barnes.
The above courses are available for Honours students in Arts and Science and students in Chemical Engineering.

J. Colloquium—Organic.
One hour per week..... Professors Hibbert and Hatcher

K. Colloquium—Inorganic and Physical.
Two hours per week..... Professors Maass and Steacie.

L. Cellulose, Lignin, and Related Compounds.
One hour per week..... Professor Hibbert.

M. Physical Properties and Chemical Constitution of Organic Compounds.
One hour per week ..... Professors Barnes and Hatcher

N. Chemical Physics.
Two lectures per week..... Professor Steacie.
The subject matter varies from year to year. Topics include chemical kinetics, photochemistry, molecular structure, quantum mechanics, etc.

O. Electrochemistry.
This course is available for Honours students in Arts and Science and students in Chemical Engineering.
One hour per week..... Professor Mennie.

P. Theory of Hydrogen Ion Measurements.
One hour per week. First term..... Professor Mennie.

Q. Thermodynamics.

This course is also available for Honours students in Arts and Science and for students in Chemical Engineering.
Two hours per week.....Professor Steacie.
Graduate students are expected to attend the weekly meetings of the Chemical and Physical Societies.

R. Elementary Wave Mechanics.
One hour per week.....Professor Gillson.

REQUIREMENTS FOR THE MASTER'S DEGREE

I. Students are required to take examinations in (a) Organic, (b) Inorganic, (c) Physical, (d) Colloid Chemistry, and other assigned courses, if any. Students are expected to have covered the subject matter of at least two of the above courses on entrance to the Faculty.

II. *Colloquium*—one per week.
Students are required to present and discuss in an acceptable manner papers dealing with fundamental and recent work.

III. *Special Graduate Lectures.*
Students are required to pass examinations on the subject matter of such lectures as relate to their particular work.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. The research work in this Department may be conveniently considered under the following heads:—
(a) Organic Chemistry, (b) Inorganic Chemistry, (c) Physical Chemistry, (d) Colloid Chemistry, (e) Cellulose Chemistry.
One of these (under which the research falls) is designated the "principal subject" and each of the others a "secondary subject." Graduate students are required to take examinations in both "principal" and "secondary" subjects.
Principal Subjects:—Several examinations, both written and oral, are held. Students are responsible for the subject matter of all related lecture courses and assigned reading. Special courses given in other Departments may be assigned and examinations required.

Secondary Subjects:—The examinations are less rigorous than in the principal subject. The subject matter is more clearly defined and may include suitable lecture courses or texts, or both.

II. *Colloquium*:—As for M.Sc. see above.

EXAMINATIONS IN CHEMISTRY

Principal Subject:

1. An examination is held in May of the second year. Additional special examinations are held during the third year.

2. Candidates who fail in the May examination of the second year are required to repeat the year and the examination in the principal subject.

Secondary Subjects:

1. All examinations are available in May and September for candidates in the first two years.

2. A second supplemental examination in any one subject may be taken only on recommendation by the Department.

3. Examinations in all subjects must be passed by the end of September of the candidate's third year.

4. For candidates entering the third year, the September examinations are supplemental examinations only.

General:

1. A candidate who may wish to take examinations in any one or more secondary subjects in September of his entrance year is advised to consult the director of the Department as soon as possible.

2. In a secondary subject a Master of Science examination at McGill will be accepted as a Preliminary Ph.D. examination provided a standard required by the Department is obtained.

Also, candidates who believe they have the necessary qualifications may apply to the director of their research for exemptions from examinations in secondary subjects. Such qualifications include a high standing in an examination taken at McGill or other University in the secondary subject. The director of the candidate's research may grant this exemption only with the approval of the Department.

DEPARTMENT OF CHEMISTRY

(Macdonald College)

PROFESSOR:—W. D. MCFARLANE

ASSISTANT PROFESSOR:—W. A. DELONG

LECTURER:—C. L. WRENSHALL

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR HIGHER DEGREES

A. Chemistry of Soils..... Dr. Wrenshall and Professor DeLong. (Given second term 1939-40.)

B. Plant Biochemistry.....Professors DeLong and McFarlane
(Given second term 1938-39.)

C. Chemistry of Foods and Nutrition.....Professor McFarlane

Courses A and B consist of two hours lecture, with supplementary reading, and four to six hours laboratory work for one term. Course C is open in part to advanced undergraduates of the Faculty of Agriculture and School of Household Science as Chemistry 45, 46 and 47.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Students may elect to conduct their research in Soil and Plant Chemistry (Group I) or in Physiological Chemistry (Group II).
2. Unless in special circumstances students are required to take the examinations of Group I or Group II.

Group I.—Major subjects—Courses A and B.

Cognate subjects—Either Advanced Organic or Advanced Physical Chemistry (McGill Department of Chemistry Courses A and F); Plant Physiology (Department of Botany Course B).

Group II.—Major subject—Course C.

Cognate subjects—Advanced Organic Chemistry (McGill Department of Chemistry Course A) and Recent Advances in Biochemistry (McGill Department of Biochemistry Course A).

3. Students are required to attend and participate in the department seminars.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements may be made for the Ph.D. degree in association with the McGill Department of Chemistry. Agricultural Chemistry is regarded as the principal subject and courses taken in the other departments mentioned in Regulation 3 (page 419) as secondary subjects.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

PROFESSORS:— { R. E. JAMIESON
ERNEST BROWN
R. DEL. FRENCH

ASSOCIATE PROFESSOR:—G. J. DODD

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

A. Statically Indeterminate Stresses.

One term, two hours tutorial, and six hours computation and reports.
Professor Jamieson.

B. Technical Elasticity.
One term, two hours tutorial, and six hours computation and reports.
Professor Jamieson.

C. Secondary Stresses.
One term, two hours tutorial, and six hours computation and reports.
Professor Dodd.

D. Hydraulics.
One hour tutorial, and six hours computation and reports.
Professor Brown.

E. Highway Engineering.
Four hours tutorial, and twelve hours computation and reports.
Professors French and McKergow and staff.

Candidates for the M.Eng. degree will be expected to take at least two courses in addition to thesis work.

DEPARTMENT OF CLASSICS

PROFESSORS:— { WILLIAM D. WOODHEAD
C. H. CARRUTHERS

ASSOCIATE PROFESSOR:—A. M. THOMPSON

COURSES FOR THE DEGREE OF MASTER OF ARTS

Greek A: **Greek Lyric Poetry.** Readings from the Anthologia Lyrica Græca and other texts.
Two hours colloquia .....Professor Woodhead.

Greek B: **History of the Epigram.**
Two hours colloquia .....Professor Carruthers.

Greek C: **The Republic of Plato.**
Three hours .....Professor Woodhead.

Greek D: **Aeschylus, Oresteia.**
Two hours colloquia .....Professor Woodhead.

Latin A: **Vergil, Aeneid.**
Three hours .....Professor Thompson.

Latin B: **Roman Satire.**
Two hours colloquia .....Professor Thompson.

Latin C: **Latin Epigraphy and Palæography.**
Two hours colloquia .....Professor Carruthers.

Latin D: **Roman Tragedy.**
Two hours colloquia .....Professor Woodhead.

COURSES IN COMPARATIVE PHILOLOGY

PROFESSOR:—C. H. CARRUTHERS

A. Introduction to the Study of Language.

B. Latin Historical Grammar.

C. Greek Historical Grammar.

D. Elementary Sanskrit.

E. Greek Dialects.

F. Oscan and Umbrian.

All courses are colloquia of two hours weekly.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

PROFESSORS:— { JOSEPH CLARENCE HEMMEON
JOHN PERCIVAL DAY

ASSISTANT PROFESSOR:—JOHN THOMAS CULLITON

LECTURER:—EUGENE FORSEY

SESSIONAL LECTURER:—LEONARD C. MARSH

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Contemporary Economic Theory.
First term ..... Professor Hemmeon.

B. World Economic Survey Since the Great War.
Second term ..... Professor Day.

C. Economic Journal Group. ..... Professor Culliton.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

1. First year of study:—The M.A. course and successful candidacy for the M.A. degree.

2. Second year:—An approved course of study at a University outside of Canada in continuance of the work on the thesis subject already selected.

3. Third year:—Resident study at McGill under the general supervision of the Department, with no fixed hours or fixed units, the work to bear on the thesis subject, such thesis to represent a genuine and useful contribution to the literature of Economics and Political Science.

4. The order of study of the Second and Third Year may be reversed.

5. The holder of a position on the staff of McGill may count his years in such a position as equal to resident study in the ratio of two teaching years to one of study.

DEPARTMENT OF EDUCATION

PROFESSOR:—JOHN HUGHES

ASSISTANT PROFESSOR:—H. D. SOUTHAM

Conditions of Admission:

Candidates for the degree of M.A. in Education must show (a) that they have satisfied the general conditions for registration as candidates for the M.A. degree as laid down on page 417 of the Calendar, or achieved distinction in the general course; (b) that they have attained a high standard (i.e. at least good second-class standing) in the work of the graduate year of training for the Teachers' High School Diploma, or its equivalent; (c) that they have completed at least Course I in Psychology.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Satisfactory completion of the following courses and studies is required:

A. Seminar courses in two of the following:—
(1) Secondary Education.*
(2) Comparative Education.
(3) Bilingual Education.

B. Studies of
(1) The History of Education in Canada.
(2) A Selected Period or Topic in the General History of Education.

C. An approved course in Philosophy, or Psychology, (prerequisite—two courses, including Course I).

D. Thesis.

DEPARTMENT OF ELECTRICAL ENGINEERING

PROFESSOR.—CLARENCE V. CHRISTIE

ASSOCIATE PROFESSOR:—G. A. WALLACE

ASSISTANT PROFESSOR:—E. G. BURR

LECTURERS:—W. H. SCHIPPEL, F. S. HOWES

Adequate laboratory and library facilities are available for the courses listed below and for research.

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*In special cases candidates may substitute an approved course in Educational Psychology for this requirement, but they must then take the Philosophy course specified under C.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE OR MASTER OF ENGINEERING

A. Advanced Mathematics.

Lectures, two hours a week.....Professor Gillson.

B. Electrical Physics.

Lectures, two hours.....Professors King, Keys and Shaw.

C. Electrotechnics.

Lectures, two hours.
Colloquium, two hours.

The following courses are offered (each two hours for one term) :—

(a) Design of Electrical Machinery. Professor Christie.
(b) The Protection of Electrical Power Systems. Professor Burr
(c) Stability of Electrical Systems under normal and transient conditions; determination of short-circuit currents; design of generators and excitation systems for maximum stability. Professor Christie and Mr. Schippel.
(d) Inductive Co-ordination of Power and Signal Systems. Professors Christie and Wallace.
(e) Electric Circuit Analysis. Dr. Howes.
(f) Advanced Wire Transmission Theory. Professor Wallace.

DEPARTMENT OF ENGLISH

PROFESSOR :—CYRUS MACMILLAN

ASSOCIATE PROFESSOR :—HAROLD G. FILES

ASSISTANT PROFESSORS :— { A. S. NOAD / T. F. M. NEWTON }

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Old English.

Prerequisite :—English 12 (in the undergraduate course).
Two hours .....Professor Newton.

B. The English and Scottish Popular Ballads, with some attention to Canadian Folk-songs and Folk-tales and their relation to those of Europe. Lectures and theses.
Two hours .....Professor Macmillan.
(Given in 1938-39; Not given in 1939-1940.)

C. Chaucer.

Prerequisite :—English 14 (in the undergraduate course).
Two hours .....Professor Newton.

D. The Drama in England from 1660 to the present time.
Two hours .....Professors Macmillan and Newton.

E. Pre-Shaksperian Drama.....Professor Newton.

***F. Shakspere (Six Plays).**

Mon., Wed., Fri., at 10.....Professor Macmillan.

***G. English Poetry from 1798 to the present time.**

Mon., Wed., Fri., at 11.....
Professor Macmillan, Professor Noad, and an Assistant.
(Given in 1938-1939; Not given in 1939-1940)

H. English Novelists, from Richardson to the present time.

Tu., Th., Sat., at 10.....Professor Files.
(Not given in 1938-1939; Given in 1939-1940)

***I. The English Drama, 1590-1642.**

Two hours .....Professor Macmillan.

***J. Old English.**

Mon., Wed., Fri., at 2 .....Professor Newton.

***K. The Technique of the Drama.**

Lectures and demonstrations in Moyse Hall, Tu., at 10 a.m. Laboratory hours to be arranged.
Professor Macmillan, Miss MacGachen and Assistants.

***L. Chaucer.**

Tu., Th., Sat., at 12.....Professor Newton.
(Not given in 1938-1939)

***M. Comparative Literature.**

The Influence of English Literature upon the Continent of Europe in the 18th and 19th Centuries.
Three hours .....Professor Noad.
(Given in 1938-1939; Not given in 1939-1940)

***N. Comparative Literature.**

A study of some literary types from the Renaissance to the present day, with particular reference to the influence of Continental Literatures upon English.
Tu., Th., Sat., at 9.....Professor Noad.
(Not given in 1938-1939; Given in 1939-1940)

O. Memoirs and Memoir Writers.

An intensive study of special problems.
Two hours .....Professor Noad.

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*Courses marked with an asterisk are undergraduate Honour courses in the Faculty of Arts and Science, which may also be followed by graduate students who have not already taken them.

P. Middle English. Language and Literature.
Three hours .....Professor Newton.
(Not given in 1938-1939)

Q. Mystical and Other Religious Literature in English during the Later Seventeenth and the Eighteenth Centuries.
Two hours .....Professor Files.

R. Literary Criticism.
Two hours .....Professor Files.

S. Shakspere. A study of special topics.
Two hours .....Professor Macmillan.

T. Epistolary Literature.
Two hours .....Professor Noad.

U. An Advanced Course in the Technique of the Drama.
Prerequisite:—Course K or its equivalent.
Two hours and laboratory periods.
Miss MacGachen and other members of the Department.

V. The Literature and Culture of the Renaissance.
Two hours .....Professor Noad.

W. A special study of the field in which the thesis is written.
Professors Macmillan, Files, Noad, Newton and Miss MacGachen.

X. Special Studies in Restoration Literature.
Two hours .....Professor Newton.

GRADUATE COURSES

Candidates for the degree of M.A., taking English as their only subject, must select three courses,—of which two must be from A to D (inclusive), and O to X, while J, or its equivalent, is compulsory, and (W), a course of special study in the field in which the thesis is written.

DEPARTMENT OF ENTOMOLOGY
(Macdonald College)

PROFESSOR:—W. H. BRITTAIN

ASSISTANT PROFESSOR:—E. M. DUPORTE

LECTURERS:—{W. E. WHITEHEAD, J. M. CAMERON}

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. Taxonomy.
Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.
One lecture, one colloquium and four laboratory hours per week.
Professor DuPorte.

B. Insect Morphology and Physiology.
One lecture, one colloquium and four laboratory hours per week.
Professor DuPorte.

C. Economic Entomology.
(a) *Principles of Insect Control.*
Two lectures per week and four colloquia.
Professor Brittain and Mr. Cameron.
(b) *Problems of Insect Control.*
Four laboratory hours per week throughout the year.
Professor Brittain and Mr. Cameron.

D. Medical and Veterinary Entomology.
Two lectures, three laboratory hours per week for one term.
Professor DuPorte.

***E. Ecology.**
Two lectures a week, first term..... Professor DuPorte.

F. Seminar.
One and one-half hours weekly.....Professors Brittain and DuPorte.

G. Research in Entomology.
Four laboratory periods per week.
Professor Brittain and Mr. Cameron.

Students are recommended to take courses offered by the Department of Zoology either as part of their major work or as a minor or cognate subject.

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*This course is also open to advanced undergraduates.

Ph.D. Requirements: The Ph.D. in Entomology may be awarded after the following requirements have been completed:

1. The student must spend two years of resident study and research at Macdonald College, and another year, taken preferably between these two years, at an approved institution other than McGill.
2. The student is also required to spend the equivalent of two summer seasons in research work at a Government laboratory or other approved research institution.

DEPARTMENT OF EXPERIMENTAL MEDICINE AND SURGERY

PROFESSOR:—J. C. MEAKINS
ASSISTANT PROFESSOR:—J. S. L. BROWNE
LECTURER:—J. F. McINTOSH

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Colloquium. Pathological Physiology and Biochemistry.
One hour a week.
Professor Meakins, Dr. Browne and Dr. J. F. McIntosh.

B. Seminar. Experimental Medicine.
One hour a week.
Professor Meakins, Dr. Browne and Dr. J. F. McIntosh.

C. Tutorial.
Two hours a week.....Professor Meakins.

D. Lectures. A weekly course on selected topics.....Dr. Browne.

All candidates for this degree must take at least three of the above courses and devote all the remainder of their time to experimental research, the accomplishment of which, as embodied in their thesis, will be the main consideration in recommending them for this degree.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The above courses are continued throughout all years of graduate study and the experimental research must be of a fundamental and far-reaching character.

ADVANCED STUDY

In addition to courses leading to the M.Sc. and Ph.D. degrees, the Faculty of Medicine offers opportunities for advanced study in the clinical field to properly qualified graduates who are willing to spend at least six months or a year on intensive work.

For information on such advanced study, graduates should apply to the Secretary of the Faculty of Medicine, McGill University.

DEPARTMENT OF FRENCH LANGUAGE AND LITERATURE

PROFESSOR:—R. DU ROURE

ASSISTANT PROFESSORS:—LUCIE TOUREN FURNESS, LOUIS D'HAUTESERVE, MLLE C. HENRY

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Comparative Literature. (Department of English, Course M).
Three hours .....Professor Noad.

B. Methodologie.
One hour .....Professor du Roure.

C. Le théâtre en France de 1914 à 1936.
One hour .....Professor Furness.

D. La Société Française dans ses rapports avec la littérature.
One hour .....Professor.....

E. Exercices pratiques (Colloquia).
One hour.

***F. Histoire du roman en France.**
Three hours. (Given in 1938-39).....Professor du Roure.

***G. Histoire du théâtre en France au XIXème Siècle.**
Two hours. (Given in 1939-40).....Professor.....

***H. Histoire de la langue française.**
One hour. (Given in 1939-40).....Professor d'Hauteserve.

***I. Histoire de la poésie lyrique en France.**
Two hours. (Given in 1939-40).....Professor du Roure.

J. Survey of Contemporary French Literature.
Three hours. (Given in 1938-39).....Professor.....

Candidates for the Master's degree in French only will take Course A (if not already taken), two of B, C, D and also E and one of F, G, H, I. Those taking French as a major will omit A and either B, C or D.

Those taking French as a minor will take E and one of the one-hour courses.

The M.A. thesis must be written in French.

Students from other Provinces and States where the opportunities of speaking French are small cannot normally obtain an M.A. in less than two years.

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*These are also Honour courses in the Faculty of Arts and Science.

FRENCH SUMMER SCHOOL

Under the regulations enumerated below qualified students may obtain the M.A. degree in French by successfully completing the work of not less than four sessions in Section C (the advanced section) of the French Summer School and presenting a thesis acceptable to the Faculty of Graduate Studies and Research.

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French of the University.

2. The student must hold the degree of B.A. from McGill University or from another university of recognized standing; with at least second class honours in French or the equivalent of second class honours in French as granted by McGill University—which must necessarily include an ability to speak French fluently, and a sound knowledge of French Literature.

3. A student who has successfully completed four sessions of the French Summer School in the advanced section is considered to have passed the equivalent of the lecture courses required for the M.A. degree by the Department of French at McGill.

4. The first summer session consists of five courses, the second of four courses, the third of three courses and the fourth of two courses, each course consisting of three lectures per week, a proportionately increasing number of regular colloquia taking the place of lecture courses in the second, third and fourth years. The preparation of M.A. theses must be commenced in the third summer session at the latest. Phonetics and Methodology can be taken in only one summer session, the latter course being obligatory. A course in Comparative Literature must be taken in each of the four summer sessions, unless a full course in this subject has already been taken as part of the student's undergraduate work.

5. One of the summer sessions may be replaced by equivalent work in France or at another French Summer School; for this the approval of the Graduate Faculty must be obtained.

6. On the satisfactory completion of two summer sessions of the advanced work, the student should apply to the Dean of the Faculty of Graduate Studies and Research for permission to register in that Faculty as a candidate for the M.A. degree; this application must be made in person at the Registrar's Office at the end of the second summer session. The written application should contain the title of the subject in French Language and Literature upon which the student

is proposing to write his thesis. This application will be considered by the Graduate Faculty acting upon the advice of the Department of French.

7. The thesis must be written in French and must in some measure be a contribution to knowledge; its preparation must be carried on under the direction of the French Department. The satisfactory completion of all requirements of the four summer sessions and the acceptance of the thesis by the Faculty will fulfil the academic requirements necessary for the granting of the M.A. degree.

For further details of the French Summer School see the separate announcement which may be obtained from the Registrar's Office.

DEPARTMENT OF GENETICS

PROFESSOR:—C. LEONARD HUSKINS

LECTURER:—SHELDON C. REED

DEMONSTRATOR:—H. GERHARD SANDER

RESEARCH FELLOWS:—STANLEY G. SMITH, ALMA HOWARD

COURSES FOR HIGHER DEGREES

With the coöperation of the Department of Botany and the Faculty of Agriculture, adequate laboratory, greenhouse, field, and library facilities are available for research in Plant or Animal Genetics and Cytology.

A. **Cytology** (Given in conjunction with the Department of Botany.)

B. **Advanced Genetics and Cytology** (Given in co-operation with the Faculty of Agriculture, Macdonald College.)

C. **Biometry.** Applications of statistics to research problems in Biology—particularly in Genetics and Physiology.

D. **Seminar.** A course entailing the presentation by each student of at least six reports on current researches in Cytology and Genetics.

E. **Biology Colloquium.**

F. **Botany A, B, C or D, Zoology C, or D, or other subjects cognate to Genetics or Cytology.**

Three or four of the above courses are required for the Master's degree.

A sound knowledge of General Biology is prerequisite.

The research problem may be in Genetics or Cytology, or Cytogenetics

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

For the degree of Ph.D. an advanced research standard is maintained. Course D must be taken in each year and papers must be presented in the general Biological Colloquium. Additional courses will be taken in cognate subjects. Only candidates who have shown indications of distinct research ability during their Master's training will be permitted to register for the Ph.D. degree.

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSORS:— JOHN J. O'NEILL, RICHARD P. D. GRAHAM, T. H. CLARK

ASSISTANT PROFESSORS:— J. E. GILL, F. F. OSBORNE

LEROY FELLOW:—JAMES D. HALL

DEMONSTRATOR:—.....

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

Students must take Courses A to G, inclusive.

A. Elementary Structural and Dynamical Geology.
Lectures and colloquia; Tu. and Th. at 10.....Professor Gill.

B. Geological Colloquium.—This course must be taken by all graduate students in Geology in the first and second years.
Professor Osborne.

C. Ore Deposits.—As in "Mineral Deposits," by Lindgren; "Economic Aspects of Geology," by Leith, and assigned readings and problems.
Seminar, Mon. & Th. at 2.....Professor O'Neill.

D. Optical Mineralogy.
One lecture Mon. at 10, and three hours laboratory per week during the first term.....Professor Graham.

E. (a) **Petrology and Petrography.**—Lectures Mon., Wed., and Fri. at 9. Laboratory Tues. and Thur., 2 to 5.

Text-books: Rosenbusch, Osann, Elemente der Gesteinslehre; Bowen, Evolution of Igneous Rocks, Princeton; Tyrrell, Principles of Petrology, Dutton; Grout, Petrology and Petrography, McGraw-Hill; Harker, Metamorphism, Methuen.

(b) **Mineralography.**—Laboratory Wed. 2 to 5. Professor Osborne.

F. Stratigraphy.
Two hours, first term; Mon., Fri. at 11. One hour laboratory, and two full days field work during October.....Professor Clark.

G. Palaeontology.—Two hours, second term; Mon., Wed., at 11. Three hours laboratory, Wed., 2 to 5, and one full day's field work in April.....Professor Clark.

H. Physiography and Natural Resources of Canada.—Lecture Tu. at 12, and laboratory Th., 2 to 5.....Professor Gill.

Students who have satisfactorily completed undergraduate courses in General Geology, Mineralogy, Determinative Mineralogy, Petrography, Canadian Geology, Stratigraphy, Practical Geology and Ore Deposits, or their equivalents, may expect to complete their M.Sc. course in one year; those specializing in Economic Geology must have certain Engineering credits in addition to the above.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

(Second and Third Years)

I. Geology and Problems of the Pre-Cambrian.
Lectures and seminar at least two hours per week; first term; Mon. & Th. at 10.....Professor O'Neill.

J. Geological Map Interpretation.
One hour seminar with assigned problems.
Fri. at 10.....Professor Gill.

K. Applied Geophysics (Physics; Graduate "W"). A course on the theory and practice of geophysical methods as applied to problems in engineering and geology.
Mon. and Wed. at 9. First Term.....Professor Keys.
Text-book:—"Applied Geophysics," 2nd edition, Eve and Keys (Cambridge Univ. Press).

L. Advanced Petrology and Petrography.—Seminar and at least nine hours laboratory work per week. Petrography Mon. and Fri. at 2; Wed. at 9.....Professor Osborne.

M. Advanced Mineralogy.
Three hours seminar and laboratory per week.
Professor Graham.

N. *Advanced Stratigraphy.
Hours to be arranged .....Professor Clark.

O. Physiography.
Seminar Fri. at 11.....Professor Gill.

***P. Advanced Palæontology.**
Hours to be arranged.....Professor Clark.

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*For students wishing special work in Palæontology.

†Q. **Advanced Economic Geology.**
Seminar, Tu. and Fri. at 2.....Professor O'Neill.

†R. **Advanced Structural and Dynamical Geology.**—As in "Das Antlitz der Erde," vols. 1, 2, 3, and 4, by E. Suess, and numerous assigned papers.
At least two hours seminar per week. Tu. and Fri. at 2.
Professor O'Neill.

Ph.D. students must complete Chemistry 51A, 59, 60 and 62, Faculty of Engineering, if not previously taken.

DEPARTMENT OF GERMAN

ASSOCIATE PROFESSOR:—W. L. GRAFF

COURSES FOR THE DEGREE OF MASTER OF ARTS

The candidate's courses will be selected from the following:—

A. **Goethe.**
One hour.....Professor Graff.

B. **Die Deutsche Novelle.**
One hour.....Professor Graff.

C. **Lessing.**
One hour.....Professor Graff.

D. **Gothic and Introduction to Germanic Philology.**
One hour.....Professor Graff.

The thesis must be written in German.

DEPARTMENT OF HISTORY

PROFESSOR:—C. E. FRYER

ASSOCIATE PROFESSOR:—E. R. ADAIR

LECTURERS:— C. C. BAYLEY, J. I. COOPER

COURSES FOR THE DEGREE OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

A. **Historical Method and Criticism.**
Seminar, one hour.....Professors Fryer and Adair.

B. **The Early History of the English Parliament.**
Seminar, one hour.....Dr. Bayley.

C. England and Rome in the Later Middle Ages.
Seminar, one hour.....Dr. Bayley.

D. **The Reign of Charles I.**
Seminar, one hour.....Professor Adair.

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†Courses Q and R may be given in alternate years.

E. William Pitt and the Conquest of Canada.
Seminar, one hour.....Professor Adair.

F. Industrial Democracy in England.
Seminar, one hour.....Professor Fryer.

G. Problems in World Politics Since 1878.
Seminar, one hour.....Professor Fryer.

H. A Selected Period in the History of Canada, Down to 1867.
Seminar, one hour.....Professors Fryer and Adair.

I. A Selected Topic in Canadian History, 1867-1896.
Seminar, one hour .....Mr. Cooper.

J. History of a Quebec Parish.
Seminar, one hour.....Professor Adair.

Graduate work in the Department of History is directed through seminars and conferences. Students are expected to acquire a sound knowledge of methods of historical research and the ability to apply them in practice. Candidates both for the M.A. and for the Ph.D. are required to take Course A, and take the prescribed examination. The Redpath Library is well equipped with printed sources for the periods and subjects mentioned above, and students pursuing research in Canadian History may be required, if occasion arises, to avail themselves of the manuscript resources of the Dominion Archives at Ottawa and the Provincial Archives at Quebec, and of parochial and other records in Montreal and its vicinity.

Candidates for the degree of Master of Arts will take the appropriate seminar or seminars and will also prepare a thesis upon some subject to be selected from within the scope of one of the seminars they are taking; the thesis is regarded as the major test in determining the candidate's fitness for this degree.

The Ph.D. degree will be awarded on a course of study and research extending over three or more years. The first year of study for honours graduates of McGill University in History will consist of the M.A. course as outlined above; for graduates of other Universities, of this course or its equivalent. The second and third years shall consist of:—

(a) Resident study and research at McGill University under the general supervision of the Department, and directed in the appropriate seminar or seminars, the work to bear on the thesis subject, and to include the preparation of the thesis, which must represent a genuine contribution to historical scholarship.

and (b) Resident study and research elsewhere for one of these years, or in the case of McGill graduates, if desirable, for both of these years, at an approved University or repository of archives in continuance of the work upon the thesis subject already selected. In all such cases the approval of the Faculty is required.

The preliminary Ph.D. examination requirements (discussed on page 419, in section 5 of the regulations for the degree of Doctor of Philosophy), will be replaced by a report from the Department of History on the general work and ability of each candidate.

Candidates are advised to satisfy the language requirements as early as possible in their course; they should consult the Department as to the selection of the two foreign languages in which they propose to be examined, as these must be chosen for their bearing upon the candidate's special field and special subject of research.

After the thesis has been approved, the candidate will take the usual oral examination upon his special field of research.

DEPARTMENT OF HORTICULTURE

(Macdonald College)

PROFESSOR:—.....

ASSISTANT PROFESSOR: H. R. MURRAY

Adequate laboratory and library facilities are available for the courses listed below and for research:

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Pomology.
Lectures and colloquium, three hours per week.
Laboratory, three hours per week.

B. Vegetable Crops.
Lectures and colloquium, three hours per week.
Laboratory, three hours per week.
Not Given 1938-39.

C. Experimentation. (See Course A.—Department of Agronomy).

D. Plant Physiology. (See Course B.—Department of Botany).

E. Advanced Genetics and Cytology. (See Course B.—Department of Genetics).

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

1. A candidate must select either Course A or Course B, and Course C, together with at least one of the following: Course D, Course E, or any other course in a cognate subject approved by the Faculty.
2. The research problem must be approved by the Departments of Horticulture and Botany.
3. The candidate must spend one summer in the Department before or during the course, or have its equivalent at some other approved institution.

DEPARTMENT OF MATHEMATICS

PROFESSORS:—CHARLES T. SULLIVAN, NEIL BRUCE MACLEAN, ALBERT H. S. GILLSON, W. L. G. WILLIAMS

ASSOCIATE PROFESSOR:—HERBERT TATE

ASSISTANT PROFESSOR:—GORDON PALL

COURSES FOR THE MASTER'S DEGREE

***A. Introduction to the Theory of Functions of a Real Variable.**
Three hours.....Professor Williams.

***B. Introduction to the Theory of Functions of a Complex Variable.**
Three hours.....Professor Sullivan.

C. Theory of Numbers.
Two hours.....Professor Pall.

D. Methods of Mathematical Physics.
Two hours.....Professor Gillson.

E. Differential Geometry.
Two hours.....Professor Sullivan.

F. Differential Equations and Advanced Calculus.
Two hours.....Professor MacLean.

G. Theory of Generalized Relativity or Wave Mechanics.
Two hours.....Professor Gillson.

H. Theory of Algebraic Plane Curves.
Two hours.....Professor Sullivan.

I. Calculus of Variations.....Professor MacLean.

J. Projective Geometry.....Professor Tate.

K. Matrices, Substitutions, and Groups.
Two hours.....Professor Williams.

Courses A, B, D, F are given annually. An additional one of the courses listed above will be given, if a sufficient number of qualified students present themselves.

Students taking a minor in Mathematics for the M.Eng. degree must have as preliminary training the Mathematics required of undergraduates in Engineering, with an additional more advanced course in Mathematics.

Students taking a minor in Mathematics for the degree of M.A. or M.Sc. must present courses in Mathematics equivalent to those required in the first three years of the Honour course in Mathematics and Physics, together with one additional course approved by the Department.

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*Open also to undergraduates of the Fourth Year in the Honour course.

For a minor in Mathematics for the Ph.D. degree the student must have the equivalent of the Mathematics required in the honour course in Mathematics and Physics, and an additional graduate course in Mathematics.

The final examination in Mathematics as a minor for the Ph.D. degree includes two papers; one on the graduate course, and a general paper on the facts and principles of the more elementary phases of the Honour courses in Mathematics and Physics.

DEPARTMENT OF MECHANICAL ENGINEERING

PROFESSORS:— { CHARLES M. MCKERGOW, ARTHUR R. ROBERTS

ASSISTANT PROFESSOR:—JAMES A. COOTE

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

A. **Engineering Thermodynamics.** Prerequisites, *Courses 228, 229 and 251.
Three hours colloquia.....Professor McKergow.

B. **Machine Design.** Prerequisites, *Courses 225 and 242.
Three hours colloquia.....Professor Roberts.

C. **Industrial Engineering.** Prerequisites, *Courses 253, 254, 258 or their equivalent.
Two hours lectures and two hours colloquia.....Professor Coote.

These are the numbers of courses given in the Faculty of Engineering.

DEPARTMENT OF MINING AND METALLURGICAL ENGINEERING

PROFESSORS:— { WILBERT G. MCBRIDE, JOHN W. BELL, J. U. MACEWAN

ASSOCIATE PROFESSORS:— { GORDON ST. GEORGE SPROULE, O. N. BROWN

Adequate laboratory and library facilities are available for the courses listed below and for research.

MINING ENGINEERING

COURSES FOR THE MASTER'S DEGREE

***A. Mining Engineering.** Courses 291 and 297 in the Faculty of Engineering (see page 313).
Professors McBride and Brown.

B. Organization and Management of Mines.
Two lectures per week for one term ..... Professor McBride.

C. The Settling of Finely Divided Minerals in Water.
Two lectures and one laboratory period for one term.
Professor Bell.

D. Classification Laboratory. Students who wish to supplement Course C will be given one or two laboratory periods per week for one term ..... Professor Bell.

E. Filtration in Ore Dressing and Cyanidation.
One lecture and one laboratory period per week for one term.
Professor Bell.

F. Filtration Laboratory. Students who wish to supplement Course E are given one or two laboratory periods per week for one term ..... Professor Bell.

G. The Cyanidation of Gold and Silver Ores.
One lecture per week for one term ..... Professor Bell.

H. Cyanidation Laboratory. Students who wish to supplement Course G are given one or two laboratory periods per week for one term ..... Professor Bell.

I. The Theory and Practice of Flotation.
Two lectures per week for one term ..... Professor Bell.

J. Flotation Laboratory. Students who wish to supplement Course I are given one or two laboratory periods per week for one term ..... Professor Bell.

K. Fine Grinding of Ores. Two lectures per week for one term.
Professors McBride and Bell.

L. Grinding Laboratory. Students who wish to supplement Course K are given one or two laboratory periods per week for one term.
Professors McBride, Bell and Brown.

M. Mine Ventilation. Two lectures per week ..... Professor Brown.

N. Mine Mechanization. Reading course ..... Professor Brown.

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*Undergraduate course open to graduate students who have not already taken it as undergraduates.

Permission is given for two or more graduate students to work together on the physical part of an investigation, when the nature of the problem and the facilities in the laboratory make it desirable to do so.

No collusion in working up of results or in writing of the thesis is allowed.

METALLURGICAL ENGINEERING

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

A. General Advanced Metallurgy. Directed reading supplemented by two hours per week of colloquium and three hours per week of laboratory work.....Professors Sproule and MacEwan.

This may include a special study of one or more selected metals or of some special branch of Metallurgy such as Electro-metallurgy, Hydro-metallurgy or Metallography.

The following undergraduate subjects are offered to students who did not take them in their undergraduate course:—

B. Advanced Metallurgy. Fourth Year Engineering, No. 272.
Four hours lectures, second term.

C. Electro-Metallurgy and Laboratory. Fourth Year Engineering, No. 275.
Three hours lectures, first term.

D. Metallurgical Analysis. Fourth Year Engineering, No. 279.
One laboratory period in first term.

E. Metallography and Laboratory. Fourth Year Engineering, Nos. 280 and 281.
One hour lecture and one laboratory period in first term.

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

PROFESSOR:—WILDER PENFIELD
ASSOCIATE PROFESSOR (in charge of Graduate Studies)—WILLIAM CONE
ASSOCIATE PROFESSOR:—COLIN RUSSEL
LECTURERS:— J. NORMAN PETERSEN, ARTHUR ELVIDGE, DONALD MCEACHERN, A. E. CHILDE

COURSES FOR THE DEGREES OF MASTER OF SCIENCE & DOCTOR OF PHILOSOPHY

A. Colloquium, 1 hour, Fridays 5 P.M.
Neuropathology ..... Professors Cone and Penfield.

B. Lecture, 1 hour, Tuesdays 5 P.M.
Fundamental Introduction to Neurology including Neuro-anatomy, Neurophysiology, Biological Chemistry and Roentgenology.....Drs. Petersen, Elvidge, McEachern and Childe.

C. Seminar in Neurology, 2 hours, Wednesdays 5 P.M.
2 Hours.....Professors Penfield, Russel and Cone.

D. Seminar in Neurosurgery, 1 hour, Tuesdays 3 P.M.
1 Hour.....Professor Penfield.

For the degree of Master of Science a candidate must satisfactorily complete three of the courses, listed as A, B, C and D above. He may substitute for one of these a course of equal rank in another Department of the Faculty of Graduate Studies and Research with the approval of the Head of the Department. The remainder of his time is to be devoted to experimental research, the accomplishment of which, as embodied in his thesis, will be the main consideration in recommending him for this degree.

For the degree of Doctor of Philosophy the above course requirements are made in each of the first two years of work. Other requirements are outlined under the general statement and regulations of the Faculty of Graduate Studies and Research.

In addition to the above formal courses the Department provides opportunity for advanced clinical study and laboratory research to properly qualified graduate students. The work of this Department is carried out chiefly in the Montreal Neurological Institute.

DEPARTMENT OF PARASITOLOGY

(Macdonald College)

PROFESSOR:—THOMAS W. M. CAMERON

LECTURERS:— I. W. PARNELL, W. E. SWALES

Adequate laboratory and library facilities are available at the Institute of Parasitology for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A sound knowledge of general Zoology and of elementary Parasitology are pre-requisites.

A, B and C comprise the main courses and further cognate courses from group E may be chosen, depending on the research problem selected and the candidate's previous training.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates should have a degree in which Zoology is an important subject; when the special subject for research is an economic one, qualifications in Human or Veterinary Medicine or Agriculture are desirable; if the special branch of research is in Non-Economic Animals, a degree

with honours in Zoology is desirable. A cognate subject from group E may be selected, but the examination in this should be completed by the end of the second year of study.

A. A systematic study of the animal parasites of man, domestic and economic animals.
Three hours.....Professor Cameron.

B. Practical Parasitology:
Four hours.....Professor Cameron and lecturers.

C. Field Work: Parasitological surveys. Collections in the field. Methods of control.

D. Medical and Veterinary Entomology. (See Department of Entomology, course D).
Two lectures, three laboratory hours per week, for one term.
Professor DuPorte.

E. Cognate subjects relative to the subject of research, selected from Departments of Animal Husbandry, Agronomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physiology, Entomology, etc., as may be arranged.

PATHOLOGY

This department will not offer any courses, or receive any graduate students, this year.

DEPARTMENT OF PHARMACOLOGY

PROFESSOR:—RAYMOND L. STEHLE
ASSISTANT PROFESSOR:—K. I. MELVILLE

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates for higher degrees must present evidence of suitable preparation in Chemistry and Physiology and must have completed the course in Pharmacology as given to medical students.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Advanced Pharmacology.

B. Colloquium.
One hour weekly.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements can be made for anyone desiring to proceed to a doctorate.

DEPARTMENT OF PHILOSOPHY

PROFESSORS:—C. W. HENDEL, R. D. MACLENNAN

LECTURERS:—C. CURRIE, J. S. FULTON

COURSES FOR THE DEGREE OF MASTER OF ARTS

***A. Social and Political Philosophy.**

***B. Fundamental Problems of Philosophy.**

***C. Readings in the Classics of Philosophy, Ancient and Modern.**

***D. Seminar on Contemporary Philosophy.** (Subject for 1938-39.) Philosophy and History.

E. Seminar courses will be offered on the special fields of Philosophy in which candidates are studying for their theses.

*These courses are also open to undergraduates.

DEPARTMENT OF PHYSICS

PROFESSORS:—A. NORMAN SHAW, LOUIS V. KING, DAVID A. KEYS, J. STUART FOSTER

ASSOCIATE PROFESSOR:—HERSCHELL E. REILLEY

ASSISTANT PROFESSOR:—W. H. WATSON

LECTURERS:—A. V. DOUGLAS, H. G. I. WATSON, F. R. TERROUX

Adequate laboratory and library facilities are available for the courses listed below and for research in any of the main branches of physics. Equipment for investigations in spectroscopy, electrical measurements, molecular physics and geophysics has been specially developed. To provide an opportunity for research in nuclear physics and its applications, a new radiation laboratory and cyclotron are under construction.

COURSES FOR THE DEGREES OF MASTER, AND DOCTOR OF PHILOSOPHY

***A. Electrical Measurements.** (Arts and Science, 6A.)

Tu. at 2, Wed. at 2, Laboratory, Tu. 2-5, Wed. 2-5.

Professor W. H. Watson and Dr. H. G. I. Watson.

Reference Books: Laws' Electrical Measurements (McGraw-Hill); Starling's Electricity and Magnetism (Longmans); Pidduck's Treatise on Electricity (C.U.P.); Hague's Alternating Current Bridge Methods (Pitman, London); Chaffee's The Theory of Thermionic Vacuum Tubes, (McGraw-Hill).

*See note after * at foot of page 458.

***B. Light.** (Arts and Science, 6B.) (Replaced by F in alternate sessions.†)
Sat. at 10; tutorial problem hour, Tues. at 11, (laboratory, Th., 2-5).....Professor Keys and Dr. Douglas.
Text-book:—Monk's Light (McGraw-Hill.)
Reference:—Robertson's Physical Optics (Van Nostrand); Wood's Physical Optics (Macmillan); Drude's Physical Optics (Longmans).

***C. Electromagnetic Theory.** (Arts and Science, 7A.)
Fri., at 9.....Professor Keys.
Text-books:—J. J. Thomson's Electricity and Magnetism (C.U. P.); Pierce's Electric Oscillations and Electric Waves (McGraw-Hill).

***D. Mathematical Physics.** (Arts and Science, 7B.)
This course includes an introduction to quantum theory and nuclear physics.
Mon., Thurs. at 10.....Professor Foster.
Text-books:—Houston's Introduction to Mathematical Physics (Longmans); Page's Introduction to Theoretical Physics (Van Nostrand).

***E. Molecular Physics.** (Arts and Science, 8A.)
Wed., Fri., at 10 (laboratory, Mon. 2-5, first term).
Professors Shaw and W. H. Watson.
Text-book:—Crowther's Ions, Electrons and Ionizing Radiations. (Arnold).
Reference:—An Outline of Atomic Physics by the Physics Staff of the University of Pittsburgh (Wiley), Richtmeyer's Introduction to Modern Physics (McGraw-Hill).

***F. Theory of Heat.** (Arts and Science, 8B.) (Replaced by B in alternate sessions.†)
Mon., at 9; lab. Th. 2-5‡; tutorial problem hour, Sat. at 10.
Professor Shaw and Dr. Douglas.
Text-book:—Roberts' Heat and Thermodynamics (Blackie).

***G. Radioactivity.** (Arts and Science 9.)
Tues. and Thurs. at 11, second term (laboratory, Mon. second term, 2-5).....Dr. Terroux.
Reference:—Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (C.U.P.).

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†Courses B and F will be given in alternate sessions, as follows:—B in '38-'39 and F in '39-'40.

‡The Department of Mining and Metallurgy kindly permits students to do additional practical tests in the Metallurgical Laboratory.

***H. Applications of Vector Analysis.** (Arts and Science 10.)§
Tues., at 10.....Professor W. H. Watson.
Text-books:—Coffin's Vector Analysis (Wiley), Phillips' Vector Analysis (Wiley).

I. Advanced Statics, Dynamics, Hydrodynamics and Sound.
Tues. at 11, and Wed. at 10.....Professor King.
Text-books:—Lamb's Higher Mechanics (C.U.P.); Basset's Hydrodynamics and Sound (Deighton Bell). References to Lamb's Dynamical Theory of Sound (Arnold); Lamb's Hydrodynamics (C.U.P.); Rayleigh's Theory of Sound (Macmillan); Stewart & Lindsay's Acoustics (Van Nostrand).

†J. Kinetic Theory of Matter.
Wed. at 11.....Professor King.
Text-books:—Jeans' Dynamical Theory of Gases (C.U.P.);
Reference:—Loeb's Kinetic Theory of Gases (McGraw-Hill).

K. Quantum Theory and Spectrum Analysis.
Mon. at 12.....Professor Foster.
Text-books:—Birtwistle's Quantum Theory of the Atom (C.U.P.); Ruark and Urey's Atoms, Molecules and Quanta (McGraw-Hill).

L. Relativity.**
Sat. at 12, second term.....Professor Gillson.

M. Advanced Electricity and Magnetism.
Prerequisite—Course C.
Text-book:—Jeans' Electricity and Magnetism (C.U.P.).
References—Livens' Electricity and Magnetism (C.U.P.); Gray's Absolute Measurements, (Macmillan); E. P. Adams' Smithsonian Mathematical Formulæ and Tables of Elliptic Functions, Smithsonian Institution, Wash.), and Jahnke und Emde, Funktionentafein mit Formeln und Kurven (Teubner, Lpz.).
Tues. and Fri., at 10.....Professor W. H. Watson and Dr. H. G. I. Watson.

N. Laboratory Practice and Physical Manipulation.**
Mr. H. T. Pye and Mr. S. Amesse.

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*These courses are undergraduate honours courses prerequisite to graduate work in Physics; but they are open to graduate students (1) choosing Physics as a Minor or Cognate subject, or (2) completing their entrance qualifications for graduate work in Physics.

§Course H is offered in alternate sessions, '39-'40, '41-'42, etc.

†Courses J and P are usually combined and given as one course, two hours per week.

**Not offered in '38-'39.

O. **Thermodynamics.**
(Alternate sessions, '38-'39 etc.).
Mon. at 10.....Professor Shaw.
Text-books:—Birtwistle's Thermodynamics, (C.U.P.), and Roberts' Heat and Thermodynamics (Blackie).

†P. **Electron Theory.**
Thurs. at 10 .....Professor King.
Text-books:—Richardson's Electron Theory (C.U.P.); Lorentz' Theory of Electrons (Stechert).

Q. **Heaviside's Operational Calculus.**
One Hour.....Professor Gillson.

R. **Astrophysics.
Three hours per week.....Dr. Douglas.
References:—Russell's Astronomy, vol. I and II (Ginn); Dingle's Astrophysics (Collins); Stratton's Astronomical Physics (Methuen); Eddington, Internal Constitution of the Stars (C.U.P.).

S. **Mathematical Physics, Wave Mechanics, etc.**
This class is divided into two sections, S1 and S2, elementary and advanced. S2 may be taken as a continuation of S1. Usually these courses will alternate in successive sessions. (S2 will be given in '38-'39.)
Two hours.....Professor Gillson.

‡T. **(a) Logic of Physics.** (Ten lectures).
(b) Electrons in Solids. (Fifteen lectures).
The thermionic, photoelectric and optical properties of metals; photo-conductance in insulators; discussion of recent theories.
Tu. and Fri. at 12 (first term only).....Professor Watson.

‡U. **Statistical Mechanics.**
Tu. and Fri. at 12 (first term only).....Professor Watson.
References:—Rice's Statistical Mechanics; Fowler's Statistical Mechanics.

V. **Nuclear Physics Seminar.**
Two hours .....Professor Foster.

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†Courses J and P are usually combined and given as one course, two hours per week.

**Students who have received instruction in Astronomy may apply to proceed to the Dominion Observatory at Ottawa for work in summer.

‡Courses T and U are given in alternate sessions, T will be given in '38-'39.

W. Applied Geophysics. (Arts and Science 12, Engineering 320).
Mon. and Wed. at 9, first term.....Professor Keys.
Text-book:—Applied Geophysics, Eve & Keys, 2nd ed. (C.U.P.).
Reference:—Elements of Geophysics, Ambronn, trans. by Cobb, (McGraw-Hill).

A review of the general requirements and selected topics for the preliminary examination for the degree of Ph.D. is given, in addition to the above courses, in a weekly seminar under the guidance of Professors Shaw, King, Keys and W. H. Watson.

A suitable selection of the above courses may be made when Physics is taken as a minor or cognate subject. A general examination on elementary physics is also given when Physics is a minor subject.

Course for Master and first year Ph.D.—Courses K, M, V, Mathematics D, and one other course. Research. (Thesis required for Master's degrees).

Second Year.—Research and selected courses from the above. "Preliminary" examinations.

Third Year.—Research, thesis and oral.

Attendance at meetings of the Physical Society, Journal Club, and Colloquium, together with the presentation of papers, form an important element in the training of M.Sc. and Ph.D. students.

DEPARTMENT OF PHYSIOLOGY

PROFESSOR:—JOHN TAIT
RESEARCH PROFESSOR:—B. P. BABKIN
ASSISTANT PROFESSOR:—N. GIBLIN
LECTURERS:—S. DWORKIN, D. A. ROSS

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Lectures on Autonomic Nervous System.....Professor Babkin.
B. Lectures on Selected Advanced Topics.....Professor Giblin.
C. Lectures on Structure and Function.....Professor Tait.
D. Advanced Laboratory.
E. Physiological Colloquium.
F. Lectures on Conditioned Reflexes.....Professor Babkin.
G. Lectures on Secretory Activity of the Digestive Glands.
Professor Babkin.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Courses for a second year, toward the degree of Doctor of Philosophy, may be selected from those set forth above which have not already been taken in the first year of graduate study.

DEPARTMENT OF PLANT PATHOLOGY

(Macdonald College)

ASSOCIATE PROFESSOR:—J. G. COULSON

LECTURER:—I. H. CROWELL

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates must have completed satisfactory undergraduate courses in Plant Morphology, Physiology, Taxonomy, Histology and Cytology. Specialists in Plant Pathology should possess a general knowledge of the fundamental practices in Agronomy and Horticulture.

Courses for the Degree of Master of Science and Doctor of Philosophy.

A. History of Plant Pathology. One lecture per week for one term. Extra reading required.

Text-book:—History of Phytopathology—Whetzel (Saunder's Co.).

B. Advanced Mycology. Two lectures and two laboratory periods per week for two terms. A general course in Systematic Mycology is a prerequisite. Dr. Crowell.

Text-books:—Comparative Morphology of the Fungi—Gaumann and Dodge (McGraw-Hill), Plant Disease Fungi—Stevens (Macmillan), A Text-Book of Mycology—Bessey (Blakiston's Son).

C. Advanced Plant Pathology.
Two lectures and two laboratory periods per week for two terms.
Professor Coulson and Dr. Crowell.

Text-book:—Manual of Plant Diseases—Heald (McGraw-Hill).

D. Principles of Plant Pathology. Two lectures and three laboratory periods per week for two terms.....Professor Coulson.

E. Plant Physiology (See Course B—Department of Botany).

F. Genetics and Cytology (See Course B—Department of Genetics).

G. Seminar.—A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc.
One period per week.....Professor Coulson and staff.

Candidates for the Degree of M.Sc. in Plant Pathology are required to take at least courses G, and two from B, C, and D.

The Ph.D. degree in Plant Pathology is offered in association with the Department of Botany. Plant Pathology is to be regarded as the major subject and the courses in the Department of Botany, listed above, as cognate lines of study. The research and thesis must be in the field of Plant Pathology.

DEPARTMENT OF PSYCHOLOGY

PROFESSOR:—WILLIAM D. TAIT

ASSOCIATE PROFESSOR:—CHESTER E. KELLOGG

LECTURER:—N. W. MORTON

ASSISTANT:—D. O. HEBB

COURSES FOR MASTER'S AND PH.D. DEGREES

A. Seminar in History of Psychology.....Professor Kellogg.
B. The Psychology of William James.....Professor Tait.
C. Contemporary Psychology. A group course by the members of the Department.
D. Seminar in Psychology of language.....Professor Kellogg.
E. Seminar in Abnormal Psychology.....Dr. Hebb.
F. Advanced Statistical Methods.....Professor Kellogg.
G. Theory and Technique of Mental Tests.
Professor Kellogg and Dr. Morton.
H. Experimental Education.....Professor Tait.
I. Advanced Psychotechnics.....Dr. Morton.
J. Research. Under the direction of members of the Department.
K. Experimental Technique......Dr. Morton.

For other courses open to graduate students see page 217.

SPECIAL REQUIREMENTS FOR PH.D.

1. Candidates are required to possess an adequate knowledge of the main principles of Physics, Chemistry and Physiology, in so far as these subjects are cognate to Psychology.

2. All students are required to have a knowledge of Advanced Statistical methods such as Correlation, Partial Correlation, Regression Equations and methods of testing the reliability of psychological measurements.

3. A certain amount of shopwork is required, enough to show that the candidate is capable of designing and constructing simple apparatus.

4. The preliminary examination for the Ph.D. includes the History of Philosophy, Logic, Principles of Psychology, Experimental and Physiological Psychology, Statistical Methods and Contemporary Psychology.

DEPARTMENT OF SOCIOLOGY

PROFESSOR:—CARL ADDINGTON DAWSON

ASSISTANT PROFESSOR:—ROBERT E. LEE FARIS

The Department especially encourages research in Canadian subjects, such as: the peculiarities of Canadian culture and social organization; the development of regional factors in Canadian affairs; frontier communities; the Canadian city; immigration and race relations; population and related problems; social institutions; crime, delinquency, and other forms of social disorganizations.

COURSES FOR THE DEGREE OF MASTER OF ARTS

***A. The Community.** Third and Fourth Years.
Given in 1939-40.

***B. Social Origins.**
1st term; Mon., Wed., Fri., at 9.....Professor Faris

***C. Social Movements.**
2nd term; Mon., Wed., Fri., at 9.....Professor Faris

D. Social Institutions.
Given in 1939-40.

E. Social Attitudes and Personality.
Hours to be arranged.....Professor Dawson.

F. Graduate Seminar.
Hours to be arranged.....Professors Dawson and Faris

Written examination in each course of study and a general oral examination are required of each candidate.

DEPARTMENT OF THEOLOGICAL STUDIES

This Department may be consulted should students wish to take a Theological course as a cognate subject.

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*NOTE.—The starred courses are also undergraduate Honour courses and are described on page 219. Additional work will be required of graduate students who take such courses.

DEPARTMENT OF ZOOLOGY

STRATHCONA PROFESSOR:— .....

ACTING HEAD OF THE DEPARTMENT:—W. H. BRITTAIN (Head of the Department of Entomology at Macdonald College and Vice-Principal of Macdonald College)

ASSOCIATE PROFESSOR:—N. J. BERRILL

ASSISTANT PROFESSOR:—V. C. WYNNE-EDWARDS

LECTURER:—KATHLEEN G. TERROUX

SESSIONAL LECTURER:—RONALD GRANT

HON. LECTURER:—B. W. TAYLOR

ASSISTANT:—L. R. RICHARDSON

PROFESSOR OF PARASITOLOGY AND DIRECTOR OF THE INSTITUTE OF PARASITOLOGY AT MACDONALD COLLEGE,—
SPECIAL LECTURER:—T. W. M. CAMERON

Adequate laboratory and library facilities are available for the courses listed below and for research.

A. Comparative Embryology.
First Term.....Professor Berrill.

B. Experimental Zoology.
Second Term.....Dr. Terroux.

C. Animal Histology.
Second Term.....Professor Berrill.

D. Entomology.
First Term.....Professors Brittain and DuPorte and Dr. J. McBain Cameron.

E. Parasitology.
Second Term.....Professor Cameron.

F. Advanced Vertebrate Zoology.
Professor Wynne-Edwards.

G. Colloquium.

H. Seminar Course.

In addition to thesis work and extensive reading, candidates for the Master's degree must take course G and at least one other course chosen from those listed.

Similarly, candidates for the Doctor's degree must take courses G and H, and one other course chosen from the preceding list.

Details must be arranged, in advance, with the Head of the Department in every case.

LABORATORIES AND LIBRARIES

Adequate laboratories and laboratory equipment are available for undergraduate instruction and for the use of students in the Faculty of Graduate Studies and Research.

All students have free access to the Redpath Library, containing over 300,000 volumes, to the Faculty Library in the Engineering Building, containing about 2,000 titles of particular interest to students of engineering, and to the special libraries of the Department of Chemistry and of the Department of Physics.

SOCIAL SCIENCES RESEARCH

DIRECTOR OF SOCIAL RESEARCH :—L. C. MARSH

The University offers special facilities to postgraduate students in the Departments of Economics, Sociology, Education, Psychology, Medicine and Law (and other approved students) desirous of undertaking their research work in the following fields: (a) Unemployment problems, employment exchange organization, related social legislation; (b) Problems of the interrelations of education and employment, vocational guidance and training, etc.; (c) Racial- and immigrant-group problems; (d) Social and industrial characteristics of the Montreal region.

The facilities of the Social Research Offices are open to approved graduate students working in these fields. These facilities include access to basic social and statistical data, information on research sources, clerical and statistical assistance in approved cases, etc.

Graduate students working on projects approved by the Social Research Committee are expected (subject to satisfactory progress in the first year) to devote at least two years to their work. Subject to this condition and provided that requirements laid down by the Department in which the thesis is presented are met, work on such projects is accepted in satisfaction of research requirements for M.A., and other higher degrees.

All enquiries relating to higher degrees should be addressed to the Graduate Faculty or to the Department appropriate to the applicant's first degree. Enquiries relating to the Social Research Offices should be addressed to the Director of Social Research, 3466 University Street.

LIBRARY SCHOOL

Plans for a sessional Library School at McGill University were made in the Spring of 1904 by Mr. C. H. Gould, then Librarian, in consultation with Dr. Melvil Dewey, Director of the New York State Library School at Albany. In order to lose no time, a summer course was provided for that year, thus constituting the first library school in Canada. Owing to limited funds, the winter course could not then be provided, and the summer course was repeated in 1905, 1907, 1910-11, 1913-14, 1920-24, 1926, and 1927. In 1928 the Summer Course became a regular part of the Library School and will probably continue to offer a six week's course of approved training for library assistants and librarians in small libraries.

In 1921 the University Librarian again proposed the establishment of a sessional course, and this was approved by Corporation in the same year and by the Governors early in 1922. The realization of these plans was made possible by the co-operation of the Carnegie Corporation with McGill University, and the first winter course under the auspices of a Canadian university opened in October, 1927. It was then accredited as a Junior Undergraduate Library School by the Board of Education for Librarianship of the American Library Association. In 1930 the Corporation of McGill University approved the raising of the entrance requirements, and the Library School became a graduate School, with the power of conferring the degree of Bachelor of Library Science, and was accredited on this new basis by the Board of Education. In addition to fundamental courses in library methods and administration, the School offers advantages and opportunities in training for special libraries and for school and college libraries, as it is situated in a large city which provides examples of libraries of all types and is part of a university with a recognized high standard of scholarship.

EQUIPMENT

The Library School occupies quarters conveniently situated in the Redpath Library and consisting of a lecture room (equipped with lantern and refractoscope) a staff office, a reading room containing professional books and periodicals, and a study room with individual desks and typewriters for students.

LOCAL LIBRARIES

In addition to the Redpath Library and the various special and departmental libraries at McGill University, the students have the opportunity of becoming familiar with the Westmount Library, the Mechanics Institute, the Civic Library, the Fraser Institute, Divinity Hall Library, the Canadian Industries Library, the Bell Telephone Company Library, the Investment Library, Sun Life Assurance Company, the Library of the Royal Bank of Canada, the Montreal Art Association Library, Montreal Children's Library, Montreal High School Library, the D'Arcy Magee High School Library, Montreal Catholic School Commission Library, the Forest Products Laboratories Library and Insurance Institute of Montreal.

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's degree from a recognized college or university and must present an official transcript of their college record.

2. Experience has shown that applicants over thirty-five years of age should not be encouraged to enter the School.

3. Applicants for admission must fill in the School Application form and attach thereto a recent photograph and an advance fee of $10.00 which will be credited to the student's fee account. Should the application be rejected, this advance payment will be refunded. No refund will be made in case of a student who withdraws after registration.

4. Ability to use a typewriter is a valuable part of the equipment of a library assistant, and students are advised to provide themselves with a portable typewriter or should rent one from the School.

PARTIAL STUDENTS

A limited number of qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Before registration such students must satisfy the Faculty of the School of their ability to follow the courses selected, and they must fulfil all requirements of classroom work and tests prescribed for regular students of these courses. A certificate of attendance may be obtained on application to the Registrar of the University accompanied by the required fee: but no certificates shall be given for attendance at lectures unless the corresponding examinations have been passed.

REGISTRATION AND ATTENDANCE

REGISTRATION:

1. Students in the Library School are required to present themselves at the office of the Library School on Friday, September 23rd, preceding the commencement of lectures, in order to furnish the information necessary for the University records, and to register for the particular courses which they wish to attend.

ATTENDANCE:

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one course.

2. Excuses on the ground of illness or domestic affliction are dealt with only by the Director of the School. Medical certificates covering absences must be presented by the student immediately after his return.

3. Those whose unexcused absences exceed one-eighth of the total number of lectures are not permitted to take the regular examination in that course; and those whose unexcused absences in such a course exceed one-fourth of the total number of lectures must repeat the work in that course for credit.

SCHOLARSHIP

1. The Ethelwyn M. Crossley Scholarship Fund is available for women students. Details may be obtained on application to the Secretary of the School.

MEDICAL EXAMINATION

1. All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they shall at once be vaccinated in a manner satisfactory to the Medical Examiner.

2. Students must also present a Certificate of Health which may be obtained from the School and which should be filled in and signed by a physician.

FEES AND EXPENSES

1. REGULAR STUDENTS:

Fees are due and payable to the Bursar at his office on September 23rd, but they will also be received before that date. After September 23rd or February 1st, (as the case may be) an additional fee of $2.00 is charged.

Fee for the Library Course (including the use of the Library, and Diploma)	$160.00
By instalments:	
First instalment	82.50
Second instalment	82.50
Fee for each supplemental examination	5.00

2. PARTIAL STUDENTS:

Fee for partial students, per point	15.00
Library fee for partial students taking less than two points, unless already registered at McGill	4.00
Certificate for partial students	1.00

Immediately after September 23rd (or February 1, in the case of students who pay by instalments), the Bursar will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes except on presentation of a receipt signed by the Bursar certifying the payment of the necessary fees.

3. STUDENT ACTIVITIES:

A fee of $3.00 is required of all students for Athletics and use of Athletic Grounds, and $1.50 for the *McGill Daily*.

4. CAUTION MONEY:

Every student is required to deposit with the Bursar the sum of $20.00 as Caution Money to cover damage done to furniture, books, apparatus, etc. This amount, less deduction (if any), will be refunded at the end of the session, *on presentation of receipt.*

5. LIBRARY VISITS:

The lectures and practice work of the School course are supplemented and illustrated by required professional visits and reports:

(*a*) Visits to libraries, binderies, book shops, museums, and printing establishments in Montreal and its neighbourhood.

(*b*) A week's visit, under the direction of members of the Faculty, to similar institutions in New York and adjacent cities. The Library School trip to New York is a required part of the Library Course, and students should allow a minimum of $75.00 for this purpose.

6. Practice Work:

After the final examinations, two consecutive weeks of practice work in a library of recognized standing are required. This affords the student an opportunity to acquire confidence in carrying out duties while under the supervision of an experienced librarian, and, at the same time, to observe how theories learned throughout the course are adapted to meet practical conditions.

7. Textbooks and Materials:

Students should allow approximately $35.00 for textbooks, blank forms, cataloguing cards, and other library supplies needed during the session. These may be purchased at cost from the Secretary of the School. Portable typewriters may be rented, for use in the School only, at the rate of $1.00 per month.

8. Academic Costume:

Bachelors of Library Science of McGill University are entitled to wear the regulation black Bachelor's gown and a Bachelor's hood of black lined with burnt orange silk and trimmed with white rabbit fur.

9. Board and Residence:

Information about boarding and lodging houses may be obtained on application to the Secretary of the School.

10. Clubs and Societies:

Women students of the School are eligible for membership in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

DESCRIPTION OF COURSES

Administration of Libraries. 28 Lectures.

An introductory survey of the relation of the library to other educational institutions; the underlying principles of business and service organization; elements of library administration; the qualifications of assistants; the ethics of librarianship; the appointment, qualifications and duties of trustees; committees, meetings and minute book; the library budget, distribution of funds, accounts; statistics and reports; supplies and stock; inventory and checking stock; personnel management and work schedules; staff appointments and records.

Book Selection. 60 Lectures.

This course aims to develop ability to evaluate and select books for various types of libraries, communities, and readers. The principles underlying selection are studied as well as the outstanding aids available to the librarian. Attention is given to the reading, examining, and reviewing of representative books of all classes, the writing of book notes, and the compiling of selected book lists. Editions, translations, and series are considered as well as publishing houses, book reviewing periodicals, and the importance of the physical make-up of books.

Classification and Cataloguing. 80 Lectures. 160 Laboratory Hours.

The principles and purpose of classification and cataloguing are studied with the view of their practical application in libraries of different types and sizes. The Dewey Decimal classification is considered in detail with brief attention to the Library of Congress and other systems. Throughout the course practice is given in cataloguing and classification of books and the assigning of subject headings in laboratory periods.

Reference and Bibliography. 68 Lectures.

The purpose of the course is to give the student a practical and critical knowledge of the basic types of reference material such as encyclopedias, dictionaries, yearbooks, indexes, followed by the outstanding books in special subjects. National and trade bibliographies are considered from the point of view of their use in reference work, book selection, cataloguing, and book ordering. Typical reference questions are given to students in order to develop their facility in the use of these various books, and the compilation of a selected and annotated bibliography is required in addition to lectures and to class discussions.

History of Books and Libraries. 40 Lectures.

This course of lectures, fully illustrated by lantern slides and exhibits, deals with the development of the arts of record from prehistoric times and provides the student with the cultural and historical background of writing materials and books. After a consideration of early forms of picture writing, the papyri of the Egyptians and the cuneiform records of the Babylonians and Assyrians are considered, and some attention is given to the production and care of manuscripts in classical times, followed by a study of the illuminated medieval manuscript. The latter part of the course considers the manuscripts of the Far East and the invention of paper and printing in China, the development of printing in Europe, the description of incunabula, modern typography, processes of illustration, and a brief consideration of some of the great libraries of Europe and America.

Accessions. 12 Lectures.

After considering the principles of library policy underlying accessions, a flexible routine for the receipt and record of gifts is discussed, followed by practice in the use of trade bibliographies, publishers' lists, and second-hand catalogues, English, American and foreign, as a basis for problems in ordering and the work of the order department, including invoices, fund records, and files. The equipment and administration of this department are also considered.

Library Buildings and Equipment. 10 Lectures.

In this course the following subjects are discussed: basic principles and fundamentals in library planning; small libraries, country and branch; reading of architect's plans; college and university libraries; special libraries and private collections; furniture and equipment; heating, ventilation, and lighting; some famous libraries reviewed. The lectures are illustrated by lantern slides and specially prepared diagrams. Students are required to work out simple planning problems illustrating topics considered in the course.

Periodicals and Serials. 8 Lectures.

A consideration of the practice and problems involved in the selection and ordering of periodicals and serials in English and foreign languages; records; the arrangement and administration of a periodical reading-room and stack.

Biuding. 8 Lectures.

After a brief sketch of the historical development of binding, modern processes of sewing, forwarding and finishing are illustrated by lantern slides and a visit to the University bindery; the differences between hand binding and machine binding; materials, patterns, binding routine and records; the care and repair of books, with demonstration and practice.

Circulation. 8 Lectures.

The organization and equipment of the circulation department; registration of borrowers; a comparative study of the different methods of charging books; regulations and fines, stack supervision; information; statistics. Practice at the circulation desk of the University Library.

Extension and Publicity. 16 Lectures.

Library extension, adult education, personal service, reading lists, inter-library loans, travelling libraries, county service, and library surveys.

Community needs and library opportunities; the principles of publicity as applied to libraries; methods of publicity; library advertising; library work in connection with museums, art galleries, etc.; the purpose and arrangement of library exhibits.

Special Libraries. 24 Lectures.

This course is designed to present the purpose and point of view of the special library and to discuss the selection and adaptation of general library techniques to its use. The printed and other sources of material for each type of library are surveyed and discussed and visits are made, in Montreal and in New York, to outstanding examples of the different types.

School Libraries and Children's Reading. 24 Lectures.

School library work as covered in this course shows the adaptations necessary in cataloguing and classification, reference work, book selection and general administration to serve the needs of the modern school. Methods of teaching students the use of books and libraries are considered in detail.

Children's literature from the historical point of view is reviewed; modern illustrators and modern books are discussed and examined. Students have the opportunity of using a large collection of specially selected children's books owned by the Library School.

Government Publications. 8 Lectures.

The object of the course is to familiarize students with the character of Canadian government documents in reference and research work, their source and distribution, and their care and use in libraries. Special attention is paid to the understanding and use of the various catalogues and indexes and the organization of the different departments of government. Some attention is also paid to similar aspects of the documents of Great Britain and the United States.

Indexing and Filing. 8 Lectures.

The principles of alphabetic, numerical, geographic, subject and classified filing; equipment and its adaptation to the material filed. Practice in filing Library of Congress cards and in developing a picture file.

Field Work, Observation and Visits.

As all instruction in the Library School is given with a view to its application in professional service, it is essential that students have sufficient opportunity for practical work. The School affords this in three ways:

1. The problems and laboratory work involved in the technical courses provide the conditions necessary for the practical application of the principles and methods taught.
2. Field work provides an opportunity for wider observation, comparison of libraries and their methods, and actual practice in the routine of library work where the pace is set by experienced workers. A programme of conducted visits to other libraries, including a week's visit to New York and vicinity, is planned as a required part of the course. This aims to give the student an opportunity to observe the practical application of subjects taught.
3. Two weeks of practical work under supervision is planned to take place in May, in order that the student may acquire an appreciation of library work as a whole.

SCHOOL OF PHYSICAL EDUCATION

History and Aims.

The McGill School of Physical Education, which was established in 1912, has grown from a short summer course to a full three years' course (one year of which is spent in the Faculty of Arts and Science). It is officially recognized by, and is an integral part of, McGill University. There is also a graduate course. The School has, since its inception, been fulfilling its purpose, to provide Canada with a training centre for teachers of physical education, with marked success.

The modern conception of education is one which includes the individual as a unit and which strives to link all subjects in an organic whole. The physical education of to-day contributes to general complete education by means of motor activities which develop desirable standards of conduct, wholesome attitudes, sound habits of thinking, and efficiency of the human machine.

The Field.

There is a steady demand for trained teachers in physical education and the field is rapidly widening to include such organizations as the following: Public and Private Schools; High Schools; Colleges; Y.M.C.A.'s; Y.W.C.A.'s; Church Clubs; Playgrounds; Recreation Centres; Welfare and Social Clubs; Settlements; Industrial Organizations; Boy Scouts; Girl Guides; Summer Camps, etc. For the past two years, the School has not been able to meet the demand for teachers.

Courses Offered.

For the Diploma:—One year in the Faculty of Arts and Science, or its equivalent, followed by a two-year course, from September to May, inclusive, is required for the Diploma of the School, and includes an analysis of the underlying principles of general education, educational psychology, the physical organism as a functioning unit, and a study of the possible contribution of physical education to the problems of modern civilization. Opportunity for practice teaching under staff supervision is provided.

For the Higher Diploma:—A one-year course available only for University graduates who show special aptitude for the teaching profession, good neuro-muscular skill, and have, in their undergraduate work, completed courses considered relevant to further study in physical education.

Entrance Qualifications.

For the Diploma:—The completion of one year in the Faculty of Arts and Science or equivalent work done elsewhere.

For the Higher Diploma:—This Diploma is available only for students who hold a University degree, and who have covered satisfactory courses in their Undergraduate work.

General:—A natural aptitude for, and previous training in physical activities, together with a sense of rhythm, are essential. A student should know how to swim, play basketball and tennis, skate, and have had some instruction in gymnastics and dancing before entering.

Students who desire to follow this course, should consult with the head of the Department concerning detailed requirements in motor activities.

The programme of physical education places a rare opportunity in the hands of the instructor, and thus necessitates a forceful personality, guided by high ideals and aspirations, an understanding of people and an ability to organize and control group activities.

Facilities.

The University Library and Museums are available for use by the students, as are the University Hockey Rinks, Tennis Courts and the Percival Molson Memorial Stadium.

A special library of selected works and the leading magazines on physical education are available for use by the students.

Exceptional facilities are afforded for practice teaching and observation in the Public Schools under the Protestant Board of School Commissioners, and in various institutions throughout the City.

Residence (Women Students).

Residence in the Royal Victoria College is available for the students of the School of Physical Education. First and second year students, whose homes are not in Montreal, are expected to live in this building, and reservation should be made well in advance. Those who do not so apply are required to submit their plans for residence to the Director of the Department of Physical Education for approval. No sanction can be given to establishments of students in apartments, or elsewhere, unless such households are presided over by a parent or other responsible person approved by the University.

No room is assigned for a shorter period than the University session and plans should be made accordingly. Students who are requested to withdraw from the University are also required to withdraw from residence.

The charge for board and residence, in addition to the sessional fee for tuition, is $470 ($175 for room, $295 for board) for the session. This may be paid in two equal instalments of $235 in October and February. Room rent includes all expenses of heat and light (not other electrical attachments, for which fees are charged). These charges cover the University session from the day of registration (September 12th) until the day after Convocation for students of the second year and until the Monday after the session closes for first year students.

A deposit of $10 is required when a room is reserved, and is deducted from the charges of the first term.

Residence (Men Students).

A description of Douglas Hall and of other residential facilities for men is given on page 160.

Costume for Women Students.

The regulation costumes of the School must be worn, and students are not permitted to wear other than the regulation garments. Measurement blanks are furnished upon registration and students are advised where the costumes can be secured. A list of articles required, with approximate cost, is sent to students on application.

Text-Books.

Students are required to purchase text-books, as the University Library exists for supplementary reading only.

Student Organizations.

All women students are members of the Women's Union of McGill University and all its affiliated societies.

All men students are members of the Students' Society of McGill University.

Professional Opportunities.

Students are required to attend lectures and functions relevant to their professional training from time to time. For such functions special fees not exceeding a total of $10.00 may be required.

Health Service.

See page 148.

Admission.

Men and women students are admitted to the regular courses in the School. They are not admitted if they are less than eighteen (18) or more than twenty-seven (27) years of age, except under special conditions. A personal interview is advisable, and applicants must have had some practical experience in physical work before registration.

A photograph and two references, one from a former teacher, must be sent direct to the School. Neither reference should be from a relative.

Partial students, both men and women, are admitted to special courses at the discretion of the Committee, and the work done may count toward the Diplomas of the School.

Regulations.

1. All students enter the School on an indeterminate probation. Students who are considered unsuitable for the profession are advised to discontinue.

2. A student may at the discretion of the Committee be requested to withdraw at any time for reasons of unsatisfactory work or conduct.

3. Established University regulations are applicable in case of absences.

4. No student is permitted to participate in outside demonstrations, classes or teams, etc., without first having secured permission from the Director.

REGISTRATION AND FEES

REGISTRATION

Students in the School of Physical Education register at the Office of the School on September 12th, and the opening lecture will be given on Tuesday, September 13th. Students registering late are required to pay a late fee. Application forms should be returned not later than September 6th, 1938.

FEES

Regular Fees.

1. *Diploma Students*

Annual fee	$210.00*
By instalments: Each of two instalments	107.50*

NOTE:—The deposit fee of $10.00 for residence accommodation made at the time of acceptance of application will be deducted from the charges for the first term (see page 476).

2. *Partial Students*

Per hour of instruction per week, for full course	$10.00

The total partial fee will not exceed the full undergraduate fee.

Partial students taking courses in the Faculty of Arts and Science will pay the fees stated in the Announcement of that Faculty.

Special Fees.

3.

Late registration, after Sept. 12th	$5.00
Late registration, after September 19th	10.00
Late payment fee	2.00
Fine for late medical examination (see page 148)	$5.00 or $10.00
Supplemental Examinations (theory or practice)	10.00
Receipts for supplementals must be shown to the Director's Office before the examination.	
Conferring Diploma *in absentia*	10.00
Duplicate diploma	10.00
Certified copy of student's record	1.00
Additional copies (at same time)	.50

*Includes Health, Registration, and Graduation fees.

4. *Caution Money.* Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

Students' Activities.

5. A sessional fee of $15.00 for women, $20.00 for men, is payable by all regular students for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.

6. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 5 as are open to them, an additional $5.50 is charged for women students and $9.50 for men students.

General Regulations.

7. *Dates for payment.* Fees are due and payable at the Bursar's Office on Monday, September 12th, between the hours of 9 a.m. and 1 p.m. and 2.30 to 4 p.m., but they may be paid before that date. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

8. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of Regulation 7.

9. Immediately after the prescribed dates for the payment of fees, the Bursar will send to the Director of the School, a list of the registered students who have not paid their fees. The Director will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

10. All fees are payable in Canadian currency.

EXAMINATIONS AND PRIZES

Diplomas.

Diplomas are granted to successful students at the end of the course. Strathcona Certificates issued through the Strathcona Trust are granted to students on the completion of one year in the School.

The Diplomas of the School are recognized by the Protestant Committee of the Department of Education, Province of Quebec, and the Protestant Board of School Commissioners of Montreal as qualifying students who are British subjects for the rank of Specialist in the Public Schools.

Candidates for the Higher Diplomas are urged to qualify professionally as High-school teachers of academic subjects before entering upon this course.

Prizes.

See page 145.

COURSES OF INSTRUCTION

For the Undergraduate Diploma

The Committee reserves the right to amend or cancel any of the courses stated below.

Year I.

Anatomy.

Psychology 1. (See page 217).

Principles of Physical Education 1.

Personal and Community Hygiene.

Physical Education Practice to include:

Theory and Practice of Games and Athletics 1.
Theory and Practice of Dancing 1.
Theory and Practice of Gymnastics 1.
Winter Sports.
Advanced Swimming.

Year II.

Physiology of Exercise.

History of Physical Education.

Principles of Physical Education 2.

Physical Education Methods.

Elective: (To be selected from courses given in the Faculty of Arts and Science and approved by the Director).

Physical Education Practice to include:

Theory and Practice of Games and Athletics 2.
Theory and Practice of Dancing 2.
Theory and Practice of Gymnastics 2.
Winter Sports.

THEORY—YEAR I

Anatomy and Physiology

The emphasis in this course is upon the body as a living mechanism, in which the functions and structure are inseparably related and in which the activities of all parts are intimately co-ordinated. 3 hrs. 1 hr. Lab. Texts: Anatomy and Physiology, Williams (Saunders Co.).

Psychology 1

See page 217.

Principles of Physical Education 1

An analysis of the aims of physical education and their relationship to those of general education. The study of programme construction in relation to the adaptation of the activities to the development of the child.

The nature and function of play, its relation to the psychological development of the child. The contribution of organized play to society and the principles underlying such organizations.

Standards for judging the teaching and measuring results; the principles of progression; the extra curricular programme and its guidance; the responsibilities, policies and relationships of the teacher of physical education. 3 hrs.

Personal and Community Hygiene

An elementary study of the more common pathogenic organisms and communicable disease; their relation to health; precautions against, and means of combating pathogenic organisms.

Health organizations and the means for the maintenance of health; the effect of various occupations on health; the laws of healthful living and the responsibility of the individual.

Principles and methods of health teaching are included and a study made of the health education programme. It involves a study of ways and means of teaching the health material to children of different ages, so that it may lead to better habits of living and become effective in life.

2 hrs. Texts: Personal Hygiene Applied, Williams (Saunders).

THEORY—YEAR II

Physiology of Exercise

A study by lectures and demonstrations of the effects of exercise on the neuro-muscular system, metabolism, respiration, circulation, etc. The effects of various types of exercise are studied in relation to the working power of the human machine and consideration given to the underlying principles in the selection of the best methods of exercise to employ.

3 hrs. Texts: Physiology of Exercise, Gould & Dye (Barnes), Bainbridge (Longmans Green), Schmidt & Sputh (Davis), McCurdy & McKenzie (Lee & Febiger), Schneider (Saunders).

History of Physical Education

The material of this course is designed to show the history of physical education as a direct outcome of the conditions of the time and place, and the principles and practices of general education.

The study starts with the conditions and life activities of primitive man and proceeds through the great Empires of China, Persia, India, Greece and Rome, to the conditions during the Dark Ages and the Renaissance. It then traces the rise of the Nations of the World. A study is made of conditions of the time, the contribution of the great educators, the resulting movements of physical education and their influence upon the present day.

2 hrs. Texts: Brief History of Physical Education, Rice, (Barnes); History of Education, Cubberley (Houghton & Mifflin).

Principles of Physical Education 2

A continuation of Course 1, including a study of therapeutic gymnastics, corrective exercises and massage; the construction of a programme to meet the needs of those students whose health condition precludes participation in activity. Procedures in posture training.

Construction of curricula suitable for varying conditions and means by which their effectiveness may be determined.

3 hrs. 1 hr. Lab.

Physical Education Methods

The material for this course includes a study of the current methods in general education and their definite application to the teaching of physical education. Consideration of methods in the organization and administration of physical education.

The laboratory work of this course consists of actual teaching under supervision, so as to offer a pupil the opportunity to put into practice the methods studied in the course.

4 hrs. 2 hrs. Lab. Texts: Progressive Methods of Teaching, Stormzand (Houghton & Mifflin); Princ. & Tech. of Teaching, Thomas (Houghton & Mifflin); Foundations of Method, Kilpatrick (Macmillan). Conduct of Physical Education, Lee (Barnes).

Elective

(To be selected from Courses given in the Faculty of Arts and Science and approved by the Director.)

ACTIVITY COURSES—YEARS I and II

Theory and practice of games and athletics:

Year I: Games of low organization suitable for young children, badminton, volleyball and basketball.

Year II: Advanced basketball, baseball, ice hockey, organization for mass activities.

During the outdoor season of each year, the work will include track and field athletics, tennis, field hockey, archery, winter sports, etc.

Theory and practice of dancing (for women):

Year I: Folk and Interpretative dancing, Theory of the dance.

Year II: National and Character, Interpretative, Clog Dancing, Theory of the dance.

Theory and practice of gymnastics:

Year I: The theory of body mechanics; fundamentals of gymnastics; tumbling, self-testing activities; apparatus.

Year II: Advanced theory and practice in the subject matter of Year I.

Aquatics: Years I and II.

Students are expected to know how to swim with a fair degree of ability before entering the School. Special attention will be given to advanced work in swimming, diving, life saving and other aquatic events.

FOR THE GRADUATE HIGHER DIPLOMA

Selected requirements from subjects in the I and II years, in accordance with the needs of the student. The time required to complete the work for this diploma depends upon the qualifications of the student.

(a) Assigned study of special problems.

(b) Extended reading.

(c) Seminars.

(d) Essay.

THEORY

A careful analysis is made of work covered in the undergraduate years and the theoretical course is arranged accordingly.

Students are assigned to undergraduate courses in cases where it seems advisable, and in other instances are assigned to independent work under different instructors.

An essay may be required at the end of the course, giving evidence of a thorough grasp of the work, and written in good literary style.

ACTIVITY COURSES

Students are assigned to regular undergraduate courses when deemed necessary. Special opportunities are provided in those activities for which students are specially qualified. Practice Teaching takes place in the University classes during the first term, and in the Public Schools during the second term.

SCHOOL OF NURSING

COURSES AND CERTIFICATES

Conditions governing registration for students in the School of Nursing are stated under Entrance Requirements.

The Courses offered in the School prepare qualified nurses to act as instructors, supervisors, or superintendents and directors in schools of nursing and hospitals, and for public health nursing. These courses cover one academic year and lead to a certificate. Courses in nursing are conducted within the School. Selected courses in education and science are provided in the Faculty of Arts and Science and the Faculty of Medicine.

The University libraries and the professional library of the School are available to all students.

Facilities for observation and practice in teaching, in supervision and in administration of hospitals and schools of nursing are offered in the following hospitals connected with the University:—the Alexandra Hospital, the Children's Memorial Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Royal Victoria Montreal Maternity Hospital, the Shriners' Hospital for Crippled Children.

Opportunities for study and field work in all branches of community health and social welfare are provided by the following:—

Child Welfare Association, Family Welfare Association, Mental Hygiene Institute, Municipal Department of Health, Royal Edward Institute Tuberculosis Dispensary, Victorian Order of Nurses, prenatal, industrial and other clinics, hospital social service departments and other social agencies.

The following courses are offered:—

I. Teaching and Supervision in Schools of Nursing.

II. Public Health Nursing.

Advanced courses:—

III. Administration in Hospitals and Schools of Nursing.

IV. Administration and Supervision in Public Health Nursing.

Applicants for the advanced courses must present evidence of having held positions for at least two years in which they have demonstrated teaching and administrative ability as well as fitness for leadership. Courses I or II, or the equivalent, followed by satisfactory experience, would provide the most desirable background for Courses III or IV.

ENTRANCE REQUIREMENTS

1. Applicants must submit evidence of Junior Matriculation standing, or an equivalent recognized by the University.

2. All applicants must present evidence of the satisfactory completion of the undergraduate course in an approved school of nursing. Applicants must also be registered in the province or state from which they come.

For the advanced courses evidence of satisfactory professional experience must be presented.

3. A certificate of medical examination must be submitted as required by the University, and of successful vaccination within seven years or of insusceptibility to vaccine within five years, in accordance with provincial health regulations. In addition, students are required to report before November first for the health examination conducted by the University.

APPLICATION FOR ADMISSION

All applications must be made on forms which may be obtained from the School of Nursing, McGill University.

REGISTRATION

Students in Public Health Nursing will register on September 6th for field work.

Other students will register on September 26th to 28th. The opening lecture will be given on September 29th.

ATTENDANCE

Students are required to attend at least seven eighths of the total number of lectures or laboratory periods in each course.

SCHOLARSHIPS

See page 145.

EXAMINATIONS

The pass mark in all examinations, in keeping with University regulations, is fifty per cent.

Results of examinations are recorded according to class, as follows: Class I, 80% to 100%; Class II, 65% to 79%; Class III, 50% to 64%.

FEES AND DEPOSITS

Tuition Fees

1. For the regular certificate courses, per session $160.00
   By instalments; First instalment 82.50
   Second instalment 82.50

2. Registered students not proceeding to a Certificate are classed as Partial Students and pay $14.00 per hour of instruction per week for a full course, but the maximum fee shall not exceed that charged for a regular certificate course.

   Partial Students taking courses in the Faculty of Arts and Science will pay the fees as outlined in the Announcement of that Faculty.

3. Fees for Laboratory Courses are $7.00 per hour of instruction per week for the academic year. This fee will cover laboratory materials, reagents and use of instruments and apparatus but it will not cover losses through waste, neglect or breakage. The charges under this head will be deducted from the student's caution money.

4. A fee of $25.00 is payable by students taking field work in the course in Public Health Nursing. A fee of $15.00 is payable by students who are exempt from the preliminary field work.

5. Fees are due and payable at the Bursar's Office between the hours of 9 a.m. and 1 p.m., and 2.30 to 4 p.m. on Wednesday, September 28th, or if desired they may be remitted by mail before the above date. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

Other Fees

6. A Sessional fee of $15.00 is payable by all regular students, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletics Board.

7. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 6 as are open to them, an additional $5.50 will be charged.

8. Every student is required to make a deposit of $5.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the Session.

Late registration after September 28th	$ 5.00
Late registration after October 5th	10.00
Supplemental examinations	10.00

Receipts for supplementals must be shown to the Director's Office before the examination.

Conferring the Certificate in Absentia	10.00
Duplicate Graduation Certificate	10.00
Certified copy of student's record	1.00
Additional copies (at same time)	.50

9. Immediately after the prescribed dates for the payments of fees, the Bursar will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Bursar.

10. All fees are payable in Canadian currency.

BOARD AND RESIDENCE

Every assistance is given the students in finding suitable living accommodation. A list of approved lodgings is kept on file in the School, and out of town students are expected to consult the Director before making final arrangements for board and room.

EXPENSES

Approximate Cost of the Course:—Students who register in those courses requiring field work will take this extra time into consideration in estimating their expenses. Estimate of average expenses for the academic year (30-32 weeks) is as follows:

University fees	$175.00
Books and laboratory fees	20.00 to $ 40.00
Board and lodging	300.00 " 400.00
Incidentals	30.00 " 40.00
Average total	525.00 " 655.00

COURSES

I. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

This course prepares qualified nurses for positions as instructors and supervisors in schools of nursing. A period of satisfactory experience in nursing following completion of the undergraduate course is considered a prerequisite.

REQUIRED COURSES

Faculty of Arts and Science

Psychology 1 or Sociology 1
Education 1
Chemistry 16 or Physiology 1

Nursing Education

A. General

7. Nursing Legislation
9. Public Health and Preventive Medicine (First term)

or

2. Public Health Nursing (First term)
6. History of Nursing
11. Growth, Development and Adjustment of the Individual
14. Bacteriology

B. Teaching and Supervision

4. Nursing Education
4A. Principles and Methods of Teaching
4B. Observation and Practice Teaching
5. Ward Teaching and Supervision

Substitute or additional professional courses may be permitted at the discretion of the Director.

II. PUBLIC HEALTH NURSING

This course prepares qualified nurses for staff positions in public health nursing organizations.

The required field work will be adjusted to meet individual needs.

REQUIRED COURSES

Faculty of Arts and Science

Psychology 1 or Sociology 1
Education 1

Nursing Education

A. General

14. Bacteriology
11. Growth, Development and Adjustment of the Individual
9. Public Health and Preventive Medicine
10. Nutrition
15. Social Case Work

B. Public Health Nursing

2. Public Health Nursing
2A. Public Health Nursing
12. Health Education

Substitute or additional professional courses may be permitted at the discretion of the Director.

FIELD WORK IN PUBLIC HEALTH NURSING

In addition to the courses as outlined, arrangements are made for students to spend some time in observation and practice in public health nursing. During September, May and June, students spend ten weeks in the field. Weekly conferences are held in connection with this work and written reports are submitted.

All field work is adjusted to meet individual needs and students are not required to repeat experience which has been gained previously under adequate supervision. Throughout the year, one half day each week is spent with a case working agency. In addition, field trips are arranged to observe the work of various health and social agencies in the community.

Practice work is arranged with the following agencies:—

Child Welfare Association.
Family Welfare Association.
Mental Hygiene Institute.
Montreal Department of Health.
Royal Edward Institute (Tuberculosis Clinic).
Victorian Order of Nurses.
Social Service Departments of the various hospitals.
Industrial Health Services.

Rural practice work in one of the County Health Units near Montreal may be arranged.

Uniforms

When working with the Victorian Order of Nurses, students must wear a plain one or two piece dress of washable material in blue, with white collar and cuffs and a black Windsor tie. Plain dark hats and coats are worn.

(A suitable dress in standard sizes may be purchased at a very moderate cost after arrival in Montreal if desired.)

III. ADMINISTRATION IN HOSPITALS AND SCHOOLS OF NURSING

This course prepares qualified nurses for positions as superintendents and directors in schools of nursing. Applicants for the course must show evidence of a satisfactory record of two or more years in an executive position. The course "Teaching and Supervision in Schools of Nursing" or the equivalent, followed by satisfactory experience would provide the most desirable background for this advanced course. The required field work will be adjusted to meet individual needs.

REQUIRED COURSES

Faculty of Arts and Science

Psychology 1 or Sociology 1

Education 1

Nursing Education

A. General

7. Nursing Legislation
11. Growth, Development and Adjustment of the Individual
9. Public Health and Preventive Medicine (First term)

or

2. Public Health Nursing (First term)
4. Nursing Education

B. Administration

1. Administration in Schools of Nursing

1A. Administration in Schools of Nursing

8. Hospital Economics and Administration

Substitute or additional professional courses may be permitted at the discretion of the Director.

IV. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

This course prepares qualified nurses for positions as supervisors and directors in public health nursing organizations.

The course "Public Health Nursing" or its equivalent and at least two years of satisfactory experience in the field are prerequisite.

REQUIRED COURSES

Faculty of Arts and Science

Sociology 2 *or* Sociology 7.

Economics 1 *or* Psychology 9.

Nursing Education

A. General

7. Nursing Legislation
4. Nursing Education

B. Administration and Supervision in Public Health Nursing

3. Administration and Supervision in Public Health Nursing
3A. Administration and Supervision in Public Health Nursing
3B. Special Problems in Supervision.

Substitute or additional professional courses may be permitted at the discretion of the Director.

COURSES IN THE SCHOOL OF NURSING

1. Administration in Hospitals and Schools of Nursing.

First Term—The administration of the hospital department of nursing service, its function, organization, supervision. Personnel selection and management.

Second term—The educational administration of the school of nursing, its function, organization and control. The educational policy and programme, facilities, organization, staff, students. Three hours.....Miss Lindeburgh and special lecturers.

1A. Administration in Hospitals and Schools of Nursing—Field Work.

Weekly excursions to hospitals and health organizations in the community; weekly conferences; reports of observation. Four to six weeks intensive practice in administration in affiliated hospitals.

2. Public Health Nursing.

The evolution, function and practice of public health nursing, including records, methods of organization; study of the special fields and their objectives. This course is closely linked with observation and practice in the field.

Three hours .....Miss Mathewson and special lecturers.

2A. Public Health Nursing—Field Work.

a. Field trips to health and social agencies in the community.

b. One half day each week throughout the year with a case working agency.

c. A practice period of ten weeks in the field of public health nursing. Weekly conferences and written reports are included in this work. This requirement is reduced for those who have had previous experience under adequate supervision.

3. Administration and Spervision in Public Health Nursing.

General principles of administration and supervision; executive and educational functions; application in the field of public health nursing; organization, financial support, personnel selection and management; staff and student education; supervisory programmes.

Three hours.....Miss Mathewson and special lecturers.

3A. Administration and Supervision in Public Health Nursing.

Field work with health and social agencies. Observation of methods and content of supervision followed by conference and discussion. Practice in administration and supervision in the field.

3B. Special Problems in Administration and Supervision in Public Health Nursing.

Discussion of problems of organization and supervision; publicity; staff education; field studies, reports and conferences.

Two hours.....Miss Mathewson and special lecturers.

4. Nursing Education.

Present trends and developments in nursing education, surveys and reports; a brief historical review of schools of nursing in their relation to hospitals; practices in professional education, applications to nursing education; school of nursing curricula, principles and method of construction; selection and organization of content to include theory and practice.

Two hours, first term.....Miss Lindeburgh.

4A. Principles and Methods of Teaching.

Psychological principles underlying learning and teaching; effective study habits; selection and organization of subject matter. Principles of curriculum construction; classification of subjects in the curriculum; application of principles and modern methods of teaching to the various subjects with special reference to the teaching of nursing.

One hour, first term; two hours, second term....Miss Lindeburgh.

4B. Observation and Practice Teaching.

First term—Weekly observation of classes taught in affiliated schools of nursing; reports of observation, conferences and discussion.

Second term—Supervised practice in teaching in affiliated schools of nursing; weekly conferences.

5. Ward Teaching and Supervision.

Principles of educational supervision as applied in general and professional education. Objectives, administration and function of supervision as applied to nursing education and nursing service. Special emphasis on the qualifications, duties and relationship of ward supervisors and head nurses. Ward management in relation to care of patients and student education. The ward educational programme, methods of assignment, clinical methods of teaching; evaluating student experience. Staff education.

Two hours, second term....Miss Lindeburgh and special lecturers.

6. History of Nursing.

An historical review: as a means of securing an appreciation of nursing traditions and ideals; as a means of understanding and interpreting trends and developments in modern nursing; consideration of source materials, and methods of presentation.

One hour .....Miss Mathewson.

7. Nursing Legislation.

A general survey of legislative developments in nursing in various countries; particular emphasis upon registration, and measures for legislative control in Canada.

Two hours, second term.....Miss Upton.

8. Hospital Economics and Administration.

Lectures and observations—This course deals with the hospital and its relation to the community; the board of trustees, the medical board and the general staff; problems of planning, organization, equipment and administration of the various departments; the purchase and handling of supplies and other problems of hospital administration from the point of view of the administrator.

Two hours, second term .....Dr. Mackenzie.

9. Public Health and Preventive Medicine.

A brief history of the development and present status of public health administration; the control and prevention of communicable diseases; maternal and child hygiene; oral hygiene; discussion of sanitation, housing, water, food and milk supply; industrial hygiene.

Three hours .....Professor Fleming and special lecturers.

10. **Nutrition and Health.**

Elements of nutrition; nutritive properties of foods. Practical application of these principles, normal diets, budgeting.

Two hours.....Miss Hayward, Miss Harlow.

11. **Growth, Development and Adjustment of the Individual.**

A study of human nature and behaviour through an integrated consideration of mental, emotional, social and physical aspects of growth; personality maladjustments; educational and social factors involved in promotion of healthy development.

Two hours.....Professor Mitchell, Mrs. Mitchell, Dr. Alan Ross, Miss Beith.

12. **Health Education.**

Psychological principles underlying learning and teaching; selection and organization of subject matter.
General principles and methods underlying health teaching programmes as applied to home, school and community situations.
Observation and practice teaching.

Two hours.....Miss Lindeburgh, Miss Mathewson.

14. **Bacteriology.**

A combined lecture and laboratory course.

Four hours, first term.....Dr. Ruth Dow.

15. **Social Case Work.**

A general introduction to the basic processes of social case work in its community setting.

One hour.....Miss King.

COURSES IN THE FACULTY OF ARTS AND SCIENCE

Psychology 1 (Introductory Course).

Two hours (in addition, two laboratory periods a month to be arranged) ..... Professor Tait

Psychology 9 (Educational Psychology).

Three hours ..... Professor Tait

Sociology 1 (Introductory Course).

Three hours ..... Professor Dawson

Sociology 2 (The Community).

Three hours ..... Professor Dawson

Sociology 7 (The Family).

Three hours ..... Professor Dawson

Chemistry 16 (Chemistry of Daily Life).

Two hours: three hours laboratory ..... Professor Hatcher

Economics 1 (Introductory Course).

Three hours..... Professor Culliton and Mr. Forsey

Physiology 1 (Introductory Course).

Three hours..... Professor John Tait

Education 1 (General Principles).

Three hours..... Professors John Hughes and H. D. Southam

MACDONALD COLLEGE

FOUNDATION

Macdonald College, which is incorporated with McGill University, was founded, erected, equipped, and endowed by the late Sir William Macdonald.

SITUATION AND EXTENT

The College occupies a beautiful site, overlooking the Ottawa River at Ste. Anne de Bellevue, Que., twenty-five miles west of Montreal. The postal address is Macdonald College, Que.

The College property comprises 786 acres, and has been arranged into four main areas, viz.: (1) the campus, with lawn and recreation fields for students of both sexes; (2) the experimental grounds, with plots for illustration and research in grains, grasses, and other farm crops; (3) the horticulture and poultry departments; and (4) the stock farm.

GENERAL ORGANIZATION

The College contains:

(1) **The Faculty of Agriculture.**
(2) **The School of Household Science.**
(3) **The School for Teachers.**

COURSES AND DEGREES

For details see the announcement of the College which may be obtained from the Registrar, Macdonald College, Que.

(1) **Agriculture:** The Faculty of Agriculture offers a four-year course leading to the degree of Bachelor of Science in Agriculture, B.Sc. (Agr.). The entrance requirement for this course is Junior Matriculation.

The Faculty also offers a two-year practical course leading to a Diploma.

For higher degrees in agricultural subjects see pages 417, 418.

(2) **Household Science:** This School, which is a part of the Faculty of Agriculture offers a four year course leading to the degree of Bachelor of Household Science, B.H.S., and a one-year Homemaker course. The entrance requirement for the degree course is Junior Matriculation.

(3) **The School for Teachers:** For details see the College Announcement.

TUITION FEES

B.Sc. (Agr.) Course

First and Second Years—

Sons, daughters, etc., of farmers of the Province of Quebec, of the Ottawa Valley in Ontario, and of the Maritime Provinces.....Free
Other residents of Canada.....$ 50.00 per year
Students from outside of Canada.....$100.00 per year

Third and Fourth Years—

Residents of Canada.....$ 50.00 per year
Students from outside of Canada.....$100.00 per year

Diploma Course

Residents of Canada .....Free
Students from outside of Canada .....$ 50.00 per year

B.H.S. Course

Canadians .....$100.00 per year
Non-Canadians .....$125.00 per year

Homemaker Course

Daughters, etc. of farmers of the Province of Quebec .....Free
Other residents of Canada .....$150.00 per year
Students from outside of Canada .....$175.00 per year

BOARD AND LODGING

Room and Board, per week.....$7.50

DEPARTMENT OF PHYSICAL EDUCATION

Men Students

The requirements for men students are given on page 223.

Women Students

The requirements for women students are given on page 224.

Health Service

Details of the University's Health Service are given on page 148.

Medals and Prizes

See page 147.

THE UNIVERSITY LIBRARY

G. R. Lomer, M.A., Ph.D., University Librarian

The University Library is under the general management of a Committee of Senate with the Librarian as Secretary.

The several libraries of the University now contain over 450,000 volumes and 45,000 pamphlets, considerable collections of maps and photographs, and a number of the rarer and more costly monographs and serials which are indispensable for purposes of research. The Library now receives over 1,350 periodicals, Government publications and transactions of various literary and scientific societies.

Among the special collections possessed by the library may be mentioned the Mendelssohn Choir Memorial Collection of works on Music, the T. D. King Collection of Shakesperiana, the Redpath Historical Collection, and the Collection of Canadiana.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. (McGill.) The Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. In addition to standard works, it includes a number of monographs and an extensive collection of reports of scientific voyages and periodicals. It is supplemented by the Lyman Collection of books on Entomology. The Faculties of Medicine (including the Bibliotheca Osleriana), Law and the Royal Victoria College, maintain libraries in their respective buildings; and there are Departmental Libraries in Engineering, Chemistry, Physics and Botany.

The Travelling Libraries of McGill University contain, each, from thirty to forty carefully selected volumes and are sent, on application, and on payment of a nominal fee of $4.00, to schools, to country libraries, to reading clubs, and to small communities which possess no public library. Pictures, lantern slides and lectures are also supplied by this department. Provision has also been made for the supply of books by mail to graduates of the affiliated theological colleges and to ministers who have not the advantage of local libraries.

With the Library are affiliated the McGill College Book Club and the University Book Club, which supply their members with standard, important and recent publications and make a substantial annual contribution of books to the Library.

The Library maintains a museum, open to the public, with a permanent exhibition illustrating the development of the Book Arts, and numerous temporary exhibits are shown in the Gallery of the Reading Room.

UNIVERSITY MUSEUMS

1. Peter Redpath Museum.

The Peter Redpath Museum, a dignified building in the Neo-Greek style, situated between the University Library and the Arts Building, was erected by the donor whose name it bears and was handed over to the University in 1882, the architects being Hutchison and Steele. It is the only building in the University solely designed for museum purposes. It contains, on three floors, a great variety of museum material, the most important collections being the paleontological, the mineralogical, and the zoological, and a condensed exhibit of economic geology. Curator, T. H. Clark; Assistant Curator, J. D. Cleghorn.

2. McCord National Museum.

The McCord National Museum is housed in a building adjacent to the campus, on the north side of Sherbrooke Street. Eleven rooms, the hall and the passages are occupied by the collections, which consist of articles illustrating the history and social life of Canada, the bulk of which were presented to the University in 1919 by David Ross McCord, Honorary Curator until his death. Subject to certain life interests, he bequeathed the major part of his estate to the University "as an Endowment Fund for the maintenance and development of the McCord National Museum." The museum is temporarily closed. Acting Secretary, E. L. Judah.

3. Library Museum.

The Library Museum is housed in a toplighted upper floor of the new addition to the Redpath Library. It contains in table and wall cases a series of exhibits (inscribed clay tablets, papyri, Mss. and printed books) illustrating the history of writing and of the book from the first millennium B.C. (in Egypt and Babylonia) onwards. Museum talks are given free to parties of school children and visitors. In the gallery above the Reading Room, special exhibits and groups of objects, books, and pictures of general interest are set out and are changed from time to time. An alcove facing the entrance of the Library is utilized as a display case for weekly exhibits of items of topical interest. Curator, G. R. Lomer.

4. Ethnological Museum.

This at present occupies the ground floor of the Medical Museum in the Medical Building. It contains the important ethnological material removed from the Peter Redpath Museum, together with

ethnological material from other sources, mainly Canadian Indian. There is in addition a very fine loan collection of models of canoes of aborigines of North America, made by Mr. E. T. Adney; and the Garstang loan collection, illustrative of Egyptian culture through four millennia. The arrangement of the ethnological material is geographic. Curator, E. L. Judah.

5. In addition to the above there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the Curator concerned. These include the Anatomical, Medical, and Pathological Museums, the Museum of Hygiene, the Rutherford Collection of Experimental Physics, the Botanical, Zoological, and Architectural collections, and the Peterson Coin collection. At Macdonald College there is a teaching collection containing an herbarium, a collection of insects, and some other exhibits related to Canadian agriculture.

MILITARY TRAINING

McGILL UNIVERSITY CONTINGENT

CANADIAN OFFICERS TRAINING CORPS

HONORARY COLONEL:—COLONEL A. A. MAGEE, D.S.O., E.D,. B.A.

COMMANDING OFFICER:—LIEUT. COLONEL T. S. MORRISEY. D.S.O..

The primary object of the Canadian Officers Training Corps is to provide students at universities with a standardized measure of elementary military training, and gentlemen who, on being recommended, can produce certificates of proficiency obtained in the C.O.T.C. will be eligible for direct appointment to commissions in the Active Militia. An interchange of privileges gained by service in the Officers Training Corps exists between the United Kingdom and Canada.

Since 1920 over 400 Certificates of Qualification have been issued, and 154 commissions in the Active Militia have been granted to cadets from the McGill C.O.T.C.

The syllabus of training is designed to prepare cadets to write examinations which are set and marked by the War Office in London for Officers Training Corps throughout the Empire. Certificate "A" is qualification for the rank of Lieutenant, and certificate "B" for the rank of Captain.

Cadets may elect to train for Cavalry, Artillery, Engineers, Signals, Infantry and the Army Medical Corps, and they are encouraged to choose that branch of the army for which their university course best suits them.

Leadership, self-confidence, and a sense of responsibility are of prime importance in an officer, and to develop these qualities cadets may expect to be promoted to Cadet Non-commissioned rank in their second and third years. Selected cadets, who are contemplating taking commissions in the Active Militia upon graduation, are granted temporary commissions as 2nd Lieutenants in their fourth year.

The training season commences early in October and ends about the middle of March. Regular two-hour parades are held one night a week, and extra lectures are given at suitable hours for those preparing to write the certificate examinations. Students who cannot spare the time to prepare for certificates "A" or "B", but who have attended seventy-five percent of the regular parades, and are otherwise considered efficient, may receive "Certificates of Efficiency" from the C.O.T.C. which will be of advantage if they make application for a commission at a later date.

Membership in the McGill C.O.T.C. is restricted to McGill students who are British subjects, physically fit, and, in the opinion of the Commanding Officer, likely to make good officers.

The Contingent Headquarters is situated at 3480 University Street, where further information may be obtained on Tuesday and Thursday evenings.

ACADEMIC DRESS

Undergraduates wear a plain black stuff gown, not longer than half way between the knee and the ankle, with round sleeves cut above elbow.

Bachelor of Arts.—Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Science.—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture.—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

Bachelor of Civil Law.—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Engineering.—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Architecture.—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Music.—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Commerce.—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Household Science.—The same gown as Bachelors of Arts; hood, black silk, lined with jade green silk, and edged with white fur.

Bachelor of Library Science.—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk, and edged with white fur.

Master of Arts.—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Science.—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Commerce.—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering.—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Master of Civil Law.—The same gown as Masters of Arts; hood, black silk, lined with French grey silk.

Doctor of Medicine.—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Dental Surgery.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pink silk.

Doctor of Laws.—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Literature.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Science.—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctor of Civil Law.—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Music.—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.), faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Law, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

Graduates in Great Britain may purchase these gowns and hoods from Messrs. Ede & Ravencroft, 93 and 94 Chancery Lane, London, W.C. 2.

REGISTRATION
1937-38

Degree Students

FACULTY OF ARTS AND SCIENCE:

Arts Division:	Men	Women	Total	
First Year	67	103	170	
Second Year	66	109	175	
Third Year	76	96	172	
Fourth Year	63	77	140	
Totals	272	385	657	
Cancellations 7				
Science Division:				
First Year	172	20	192	
Second Year	61	14	75	
Third Year	58	22	80	
Fourth Year	29	7	36	
Totals	320	63	383	
Cancellations 3				
Commerce Division:				
First Year	51	5	56	
Second Year	44	3	47	
Third Year	39	4	43	
Fourth Year	27	4	31	
Totals	161	16	177	
Cancellations 2				
Totals for the Faculty	753	464	1,217	1,217

FACULTY OF ENGINEERING:

Engineering Division:				
First Year	107	.....	107	
Second Year	103	.....	103	
Third Year	93	.....	93	
Fourth Year	79	.....	79	
Totals	382	.....	382	
Cancellations 8				

Degree Students (*Continued*)

FACULTY OF ENGINEERING (*Continued*):

	Men	Women	Total	
Engineering Division: Totals	382	.....	382	
School of Architecture:				
First Year	1	.....	1	
Second Year	4	.....	4	
Third Year	5	.....	5	
Fourth Year	4	.....	4	
Fifth Year	5	.....	5	
Totals	19	.....	19	
Cancellations 0				
Totals for the Faculty	401	.....	401	401
FACULTY OF MEDICINE:				
First Year	97	8	105	
Second Year	93	1	94	
Third Year	73	7	80	
Fourth Year	98	3	101	
Fifth Year	97	.....	97	
Totals for the Faculty	458	19	477	477
Cancellations 4				
FACULTY OF DENTISTRY:				
First Year	26	.....	26	
Second Year	16	.....	16	
Third Year	21	1	22	
Fourth Year	18	.....	18	
Totals for the Faculty	81	1	82	82
Cancellations 1				
FACULTY OF LAW:				
First Year	19	.....	19	
Second Year	19	2	21	
Third Year	13	.....	13	
Totals for the Faculty	51	2	53	53
Cancellations 2				
FACULTY OF GRADUATE STUDIES AND RESEARCH	193	38	231	231
Cancellations 5				

Degree Students (*Continued*)

	Men	Women	Total	
FACULTY OF AGRICULTURE:				
First Year	21	.....	21	
Second Year	17	1	18	
Third Year	17	.....	17	
Fourth Year	29	1	30	
Totals for the Faculty	84	2	86	86
SCHOOL OF HOUSEHOLD SCIENCE:				
First Year	.....	29	29	
Second Year	.....	26	26	
Third Year	.....	36	36	
Fourth Year	.....	24	24	
Totals for the School	.....	115	115	115
LIBRARY SCHOOL	.....	21	21	21
FACULTY OF MUSIC	3	3	6	6
Total Degree Students	2,024	665	2,689	2,689

Diploma Students

FACULTY OF MEDICINE:			
Diploma of Public Health	.....	.....	.....
FACULTY OF AGRICULTURE:			
Diploma Course—First Year	21	.....	21
Second Year	23	.....	23
Third Year	4	.....	4
Total	48	.....	48
FACULTY OF MUSIC:			
Licentiate Course	5	27	32
SCHOOL OF HOUSEHOLD SCIENCE:			
Homemaker Course (One Year)	.....	34	34
SCHOOL FOR GRADUATE NURSES	.....	22	22

Cancellations 1

	Men	Women	Total	
SCHOOL OF PHYSICAL EDUCATION:				
First Year	3	7	10	
Second Year	1	10	11	
Graduate Year	.....	2	2	
Total	4	19	23	
SCHOOL FOR TEACHERS:				
Elementary Class	.....	13	13	
Intermediate Class	13	80	93	
Kindergarten Class	.....	1	1	
Total	13	94	107	
Total Diploma Students	70	196	266	266

Partial Students

FACULTY OF ARTS AND SCIENCE	49	62	111	
FACULTY OF ENGINEERING:				
Engineering	1	.....	1	
Architecture	1	.....	1	
FACULTY OF DENTISTRY	.....	.....	.....	
FACULTY OF LAW	1	.....	1	
FACULTY OF MUSIC	55	132	187	
FACULTY OF AGRICULTURE:				
(Degree and Diploma)	19	2	21	
SCHOOL OF HOUSEHOLD SCIENCE	.....	2	2	
SCHOOL OF GRADUATE NURSES	.....	28	28	
FACULTY OF GRADUATE STUDIES	1	.....	1	
FACULTY OF MEDICINE	2	.....	2	
Totals for Partial Students	129	226	355	355
Cancellations	10			
Total Registration	2,223	1,087	3,310	3,310
Registered in more than one Faculty	3	1	4	4
Total number of students	2,220	1,086	3,306	3,306

Extension Course Students

Extension Lectures	316	372	688	
Evening Accountancy Diploma Courses	559	5	564	
French Summer School (1937)	24	93	117	
Course at Macdonald College	58	.....	58	

McGILL UNIVERSITY

DIRECTORY OF STUDENTS

SESSION 1937-38

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Where two addresses are given, the second is the home address			
Aalund, Henning	Agr. 3	Macdonald College, Que	Ste. A 87
		Pictou, N.S.	
Abel, Elie	B.Sc. 1	1001 Mt. Royal Blvd., Montreal (Apt. 4)	CR 8066
Abell, Charles Douglas	Dent. 1	Douglas Hall, Montreal	BE 2885
		Enosburg Falls, Vt.	
Aber, Samuel	Med. 3	3787 Vendome Ave., Montreal	EL 8968
Aboud, Samuel J	Eng. 2	Douglas Hall, Montreal	BE 2885
		307 Ste. Catherine St., Grand'Mere, Que.	
Abramovitch, Benjamin	B.Sc. 4	5238 Jeanne Mance St., Montreal	DO 1025
Abramowitz, Sydney	Eng. 2	4145 Decarie Blvd., Montreal	DE 0244
Adair, Helen M	B.A. 4	502 Lansdowne Ave., Westmount, Que	DE 1357
Adams, Byron A	Grad. Sch	3581 Durocher St., Montreal	HA 7778
		Port Hawkesbury, N.S.	
Adams, James R	Grad. Sch	227 Elm Ave., Westmount, Que	WI 4920
Adams, John Douglas	Eng. 3	2293 Wilson Ave., Montreal	EL 0667
Adams, Samuel T	B.A. 1	4333 Westmount Ave., Westmount, Que	WI 5959
Adamson, Merle E	B.A. 3	112 Abbott Ave., Westmount, Que.	WE 4745
Aikins, Katherine M	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Naramata, B.C.	
Ain, Joe	Eng. 3	4309 St. Urbain St., Montreal	PL 4796
Akin, John R	B.A. 4	146 Balfour Rd., Town of Mount Royal, Que	AT 2896
Albert, Daniel J	B.Sc. 2	947 Dunlop Ave., Montreal	AT 2864
Albert, Harold S	B.A. 1	460 Elm Ave., Westmount, Que	FI 4237
Albert, Samuel	Med. 2	767 Davaar Ave., Montreal	CA 7212
Albert, Saul	Med. 4	947 Dunlop Ave., Montreal	AT 2864
Alexander, George	Com. 1	773A Champagneur Ave., Outremont, Que	
Alexander, Ruby D	B.H.S. 3	Macdonald College, Que	Ste. A 98
		137 Ballantyne Ave., Montreal West, Que.	
Alexander, Wendal A	Grad. Sch	3581 Durocher St., Montreal	HA 7778
		Shawville, Que.	
Alexopoulos, George A	Law 1	142 Milton St., Montreal	MA 0191
Alford, Edward L. G	Med. 2	3647 University St., Montreal	MA 2806
		235 O'Connor St., Ottawa, Ont.	
Allan, Charles N	B.Sc. 2	1132 Graham Blvd., Town of Mount Royal, Que	AT 0547
Allard, Cameron	Theol. 2	3485 McTavish St., Montreal	PL 1649
		New Glasgow, N.S.	
Allard, Joseph A	B.A. 1	171 St. Catherine St. W., Montreal.	
		Bombay, N.Y.	
Allen, Barbara K	Com. 1	Royal Victoria College, Montreal	MA 9176
		Oxbow, Sask.	
Allen, Della E	B.Sc. 4	47 Parkside Ave., Montreal West, Que	DE 8815
Allen, Margaret N	Lib. Sch	495 Prince Arthur St. W., Montreal (Apt. 24)	LA 8713
Allenby, Margaret E	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		186 Longueuil St., St. John's, Que.	
Allenby, Owen C. W	B.Sc. 3	3506 University St. Montreal	MA 2055
		186 Longueuil St., St. John's, Que.	
Anderson, Crawford A	Teachers' (Inter.)	Macdonald College, Que	Ste. A 87
		Athelstan, Que.	
Anderson, Earle H	Med. 5	Douglas Hall, Montreal	BE 2885
		Digby, Nova Scotia.	
Anderson, Mary M. L	B.A. 3	3661 Lorne Crescent, Montreal	MA 4044
		Ormstown, Que.	
Anderson, Robert E	Com. 4	765 Hartland Ave., Montreal	AT 4896
Andrews, Clifford	Theol. 2	3473 University St., Montreal	MA 4902
Andrews, J. Elden	B.A. 1	3485 McTavish St., Montreal	PL. 1649
		Bell's Corners, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Anglin, Thomas G.	B.Sc. 1	492 Elm Ave., Westmount, Que.	FI 9938
Angus, John R. J.	Med. 1	3637 University St., Montreal	MA 1824
		1617 Rockland Ave., Victoria, B.C.	
Angus, Mary J.	B.H S. 3	Macdonald College, Que.	Ste. A 98
		2650 Bow e Ave., Victoria, B.C.	
Annett, S. Reginald P.	B.Sc. 4	2078 Victoria St., Montreal (Apt. 16)	
		88 Turnbull Ave., Quebec, Que.	
Annis, Dorothy P.	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		Colebrook, New Hampshire.	
Anthony, Betty	B.A. 1	1487 Chomedy St., Montreal (Apt. 8)	WI 1547
		Streator, Illinois.	
Anton, Andy D.	Com. 2	414 St. Catherine St. E., Montreal.	HA 0992
Applin, Hilton H.	Med. 2	522 Prince Arthur St. W., Montreal.	MA 9759
		Wiscasset, Maine.	
Arbuckle, John W.	Med. 1	Douglas Hall, Montreal	BE 2885
		1237 Balfour Ave., Vancouver, B.C.	
Archambault, Andre	Com. 1	1819 Ducharme St., Outremont Que.	AT 3750
Archambault, Georges-Louis	Eng. 3	288 McDougall Ave., Outremont, Que.	CR 0124
Archer, Philip L. I.	Agr. 2	Macdonald College, Que.	Ste. A 87
		Woodlands, c/o St. George's Club, Grenada, B.W.I.	
Archibald, Griselda G.	B.A 3	3106 Westmount Blvd., Westmount, Que.	FI 1746
Archibald, John S.	Med. 5	Douglas Hall, Montreal	BE 2885
		Box 120, Kamloops, B.C.	
Archibald, Walter S.	Med. 4	Douglas Hall, Montreal	BE 2885
		Box 120, Kamloops, B.C.	
Argo, William L.	Med. 3	3602 Durocher St., Montreal	HA 6709
		92 McIntyre St. W., North Bay, Ont.	
Ariano, Alfonso	Arts P	6909 Marquette St., Montreal	
Armitage, Margaret T.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		317 Argyle Ave., Sherbrooke, Que.	
Armstrong, George D.	B.A. 1	3624 Marlowe Ave., Montreal	DE 8734
Armstrong, Iris M.	B.A. 3	4902 Grosvenor Ave.,	EL 7233
Armstrong, Muriel B.	B.A. 3	Royal Victoria College, Montreal.	MA 9176
		16 Robson Place, Fairfield, Conn., U.S.A.	
Armstrong, Patricia M.	B.A. 2	314 Roslyn Ave., Westmount, Que.	DE 2114
Armstrong, Shirley E.	B.A. 1	710 Champagneur Ave., Outremont, Que.	CA 2103
Armstrong, Walter J.	Com. 1	15 Willow Ave., Westmount	EL 0636
Arthur, Ethel A. F.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		R.R. No. 2, Huntingdon, Que.	
Asbury, W. Nowers	Grad. Sch	3547 University St., Montreal	LA 0789
Ascah, Ralph Gordon	B.Sc. 3	776 Lexington Ave., Montreal	EL 4634
		Farnham, Que.	
Asherman, Edward G.	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		142 East 18th St., New York City.	
Ashkenazy, Moses	Med. 4	751A Champagneur Ave., Outremont, Que.	DO 0667
Ashkenazy, William H	Med. 1	751A Champagneur Ave., Outremont, Que.	DO 0667
Aspler, Charles	Arch. 5	4055 Esplanade Ave., Montreal	HA 3979
Asplin, Albert G.	Eng. 4	3592 University St., Montreal	PL 2435
		1703-7th Ave. S., Lethbridge, Alta.	
Astbury, Effie C.	B.A. 4	303 Querbes Ave., Outremont, Que.	CR 8550
Astbury, John S.	Grad. Sch	303 Querbes Ave., Outremont, Que.	CR 8550
Atcheson, Donald W.	Med. 4	3472 Shuter St., Montreal (Apt. 1).	MA 1574
		111 Elm St., Reno, Nevada.	
Atcheson, Pearl	Med. 3	3472 Shuter St., Montreal (Apt. 1).	MA 1574
		111 Elm St., Reno, Nevada.	
Auclair, Estelle E.	B.A. 3	3501 Park Ave., Montreal	PL 7014
		St. Jean Baptiste, Que.	
Auld, Lillian E.	B.A. 3	Royal Victoria College, Montreal.	MA 9176
		421 Nelson Ave., Nelson, B.C.	
Avison, H. R. C.	Grad. Sch	50 Dundurn Place, Winnipeg, Man	
Aylett, Victor C. R.	Eng. 3	620 Prince Arthur St. W., Montreal.	LA 9489
Babiche, Leonard	Agr. 1	Macdonald College, Que.	Ste. A 87
		2287 Augier St., Montreal.	
Babitch, Joseph	B.Sc. 1	2901 Springland Ave., Montreal.	FI 0284

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Baburek, Christian S.	Eng. 1.	5691 Brissette St., Montreal	FI 6648
Bagnall, William S.	Med. 5.	418 Pine Ave., Montreal	MA 1037
		560-6th St., Richmond, Calif.	
Bailey, Graeme M.	Med. 3.	118 Brock Ave. N., Montreal West, Que.	DE 0615
Bailey, J. Margorie.	B.Sc. 4.	610 Victoria Ave., Westmount, Que.	EL 3349
Bailey, Mildred E.	Phys. Ed. 2.	4576 Harvard Ave., Montreal	DE 1653
Bailey, W. Robert A.	Agr. 2.	Macdonald College, Que.	Ste. A 87
		Rylestone, Hastings, Christ's Church, Barbados, B.W.I.	
Baillie, Janet M.	Med. 1.	495 Prince Arthur St., Montreal	PL 3537
		(Apt. 8)	LA 8073
		1159 Beach Drive, Victoria, B.C.	
Bain, Edwin C.	Agr. 4.	Macdonald College, Que.	Ste. A 87
		Groves Point, Cape Breton, N.S.	
Bain, Hazel A.	Teachers' (Inter.).	Macdonald College, Que.	Ste. A 98
		Sawyerville, Que.	
Baird, Sam L.	Eng. 3.	418 Claremont Ave., Westmount, Que. (Apt. 41)	WA 3076
		50 Rugby St., Winnipeg, Man.	
Baker, John H.	B.Sc. 1.	3572 Vendome Ave., Montreal	DE 4189
Balfour, Ethel J.	B.A. 1.	Royal Victoria College, Montreal	MA 9177
		"Chedoke", Hamilton, Ont.	
Balko, Virginia M.	B.Sc. 2.	Royal Victoria College, Montreal	MA 9176
		Shawinigan Falls, Que.	
Ball, Audrey M. E.	Teachers' (Inter.).	Macdonald College, Que.	Ste. A 98
		Knowlton, Que.	
Ball, Raymond H.	B.Sc. 1.	Douglas Hall, Montreal	BE 2885
		11 Wayagamack Island, Three Rivers, Que.	
Banfill, Arnold D.	Law 3.	Douglas Hall, Montreal	BE 2885
		East Angus, Que.	
Banfill, Doris E.	B.A. 2.	Royal Victoria College, Montreal	MA 9176
		East Angus, Que.	
Bangs, Lloyd G.	Eng. 2.	3506 University St., Montreal	MA 2055
		Box 60, Hawkesbury, Ont.	
Banks, Harry H. J.	B.Sc. 4.	1630 Van Horne Ave., Outremont, Que. (Apt. 10)	
Banks, Howard M.	Com. 2.	24 Summit Crescent, Westmount, Que.	EL 1353
Bann, Joan W.	B.A. 4.	3471 Holton Ave., Montreal	WI 3637
Bannon, James H.	Med. 2.	366 Sherbrooke St. W., Montreal	HA 1385
		16 Church St., Paterson, N.J., U.S.A.	
Baranofsky, Jack.	Eng. 3.	5437 Park Ave., Montreal	CR 5948
Barber, Mary E.	Homemaker.	Macdonald College, Que.	Ste. A 98
		Pinehurst, Summit Ave., Sault Ste. Marie, Ont.	
Barber, Walter K.	B.Sc. 3.	1943 Bayle St., Montreal	WI 4581
Barbour, Charles M.	Med. 5.	3559 University St., Montreal	BE 3681
		55 Shaw St., Newport Maine, U.S.A.	
Barbour, Tom R.	B.Sc. 4.	3506 University St., Montreal	MA 2055
		Newtown B.B., Newfoundland.	
Barclay, Beatrice E.	B.Sc. 4.	3838 Hampton Ave., Montreal	DE 5921
		Tomifobia, Que.	
Barclay, James A.	B.A. 4.	1441 Drummond St., Montreal	MA 4171
		333 McLeod St., Ottawa, Ont.	
Baribeau, Gaston.	Com. 3.	2305 Ste. Catherine Rd., Montreal	AT 1255
Barker, Frederick G.	Eng. 3.	3440 Walkley Ave., Montreal	DE 2591
Barker, Lynwood.	Agr. 2.	Macdonald College, Que.	Ste. A 87
		4982 Queen Mary Rd., Montreal (Apt. 3)	
Barnard, Barbara L.	Phys. Ed. 1.	4165 Dorchester St., Montreal	FI 7333
Barnard, James E.	Med. 2.	614 Brault Ave., Verdun, Que.	
Barnes, Charlotte W.	B.A. 3.	4173 Oxford Ave., Montreal	EL 2297
Barnes, William M. C.	Com. 1.	1022 Sherbrooke St. W., Montreal	HA 9767
		166 Lake Ave., Saratoga Springs, N.Y.	
Barnett, Herbert E.	B.A. 4.	3843 Hampton Ave., Montreal	DE 9712
Baron, Abraham D.	B.Sc. 3.	4131 Esplanade Ave., Montreal	HA 9631
Barott, Peter M.	B.A. 2.	3 Summerhill Terrace, Montreal	FI 2840
Barr, James A.	Teachers' (Inter.).	Macdonald College, Que.	Ste. A 87
		Allans Corners, Que.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Barrett, Doris P.	Grad. Sch.	12 Liberty St., Montpelier, Vt.	
Barry, Gladys A.	Grad. Nurses	4628 Draper Ave., Montreal	FI 8531
Barsky, Sybil	B.A. 2	5400 Durocher Ave., Outremont, Que.	DO 1421
Bartlett, Alice P.	Homemaker	Macdonald College, Que.	Ste. A 87
		8028 Western Ave., Montreal West, Que.	
Bartlett, Harold L.	Eng. 3	4454 Coolbrooke Ave., Montreal	DE 6135
Bartolini, Angelo	B.A. 4	5120 Hutchison St., Montreal	CA. 8933
Bartram, Howard F.	Eng. 1	60 St. Sulpice Rd., Westmount, Que.	WE 5634
Barwick, M. Mavis	B.A. 1	4802 Oxford Ave., Montreal	EL 1425
Barza, Sidney	B.Sc. 2	4884 St. Urbain St., Montreal	CA 7082
Bates, George N.	Med. 1	495 Prince Arthur St. W., Montreal	PL 3537
		(Apt. 9)	LA 8073
		51 Main St., Morrisville, Vt., U.S.A.	
Bates, Phyllis M. E.	B.A. 3	Royal Victoria College, Montreal	MA 9177
		Grand'Mere, Que.	
Battersby, Lawrence H.	B.Sc. 3	93-14th Ave., Longueuil, Que.	Longueuil 579
Battista, Orlando A.	B.Sc. 2	471 Prince Arthur St., Montreal	MA 8208
		9 Whitehead Ave., Cornwall, Ont.	
Baugh, Beatrice R.	B.A. 3	4527 Harvard Ave., Montreal	WA 2462
		Lakefield, Que.	
Baugh, Horace G.	B.A. 2	3473 University St., Montreal, Que.	MA 4902
		Lakefield, Que.	
Baugh, W. H.	Theol. 2	3506 University St., Montreal	MA 2055
		3 Dunnill St., Normanton, Yks., Eng.	
Baulne, Sister Marguerite G.	Grad. Nurses	St. Mary's Hospital, 3830 Lacombe St., Montreal	WA 2771
		Grey Nunnery, 1190 Guy Street, Montreal	
Baxter, Jessie M.	B.A. 3	729 Roslyn Ave., Westmount, Que.	DE 2268
Baxter, Kathleen F.	B.A. 4	4015 Hampton Ave., Montreal	DE 7514
Baxter, Robert G.	Med. 5	188 St. Denis Ave., St. Lambert, Que.	St. L 935
Bayliss, Robert J. H.	Agr. 4	Macdonald College, Que.	Ste. A 87
		N. Grand Pre, King's Co., N.S.	
Bayne, Elizabeth A.	B.A. 1	135 Clandeboye Ave., Westmount, Que.	FI 8153
		6 Portland Ave., Sherbrooke, Que.	
Baynton, George F.	Grad. Sch.	3509 Jeanne Mance St., Montreal	HA 7371
		Lloydminster, Sask.	
Bazerman, Abraham W.	B.Sc. 3	432 Rigaud St., Montreal	
Beall, Gordon S.	B.A. 4	2058 Decarie Blvd., Montreal	EL 5156
Bean, M. Gladys	B.A. 2	2 Donegani Ave., Valois, Que.	Pte. Cl. 372W
Beard, Marshall R.	Med. 5	2039 University St., Montreal	LA 0889
		3664 Lincoln Ave., Sacramento, Cal., U.S.A.	
Beattie, Howard A.	Med. 2	3486 Jeanne Mance St., Montreal	MA 3145
		54 Somerset St. W., Ottawa, Ont.	
Beattie, James R.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 87
		R.R. No. 5, Lachute, Que.	
Beaubien, Jacques	Med. 2	462 St. Catherine Rd., Outremont, Que.	CA 5445
Beauchamp, Lawrence A.	B.Sc. 1	1015 Sherbrooke St. W., Montreal	MA 4418
		148 Adams St., Rutland, Vt., U.S.A.	
Beauchamp, Maurice F.	B.Sc. 3	1015 Sherbrooke St. W., Montreal	MA 4418
		148 Adams St., Rutland, Vt.	
Beaudin, Joseph A. L.	Eng. 1	1666 Sherbrooke St. E., Montreal	AM 6320
		Ormstown, Que.	
Beaulieu, Andre A.	Grad. Sch.	152 Notre Dame St. E., Montreal	
Beaulieu, Marie-Therese	Arts P	36 Roskilde Ave., Outremont, Que.	CA 7562
Beaupre, T. Norbert	Agr. 5	Macdonald College, Que.	Ste. A 87
		Beaurepaire, Que.	
Beazley, Jean L.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		878 McEachran Ave., Outremont, Que.	
Becker, Anthony	Med. 3	3483 Peel St., Montreal	LA 0643
		Davin, Sask.	
Becker, Sidney J.	Eng. 4	272 Villeneuve St. W., Montreal	PL 1092
Bedoukian, Paul	Grad. Sch.	6093 Jeanne Mance St., Montreal	CA 3560

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Beecher, Keith D	Eng. 2	5875 Notre Dame de Grace Ave., Montreal	DE 1433
Beecher, Theodore S	Med. 1	3505 Lorne Ave., Montreal	HA 1385
		7 Matilda St., Ossining, N.Y., U.S.A.	
Beer, Barbara F	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Rothesay, N.B.	
Beer, William G	Eng 1	3434 McTavish St., Montreal	PL 6773
		Rothesay, N.B.	
Begor, Fay B	Med. 1	3550 Lorne Ave., Montreal	HA 4689
		Moriah Center, N.Y., U.S.A.	
Beiss, Rose F	B.A. 4	3710 Henri Julien Ave., Montreal	HA 7478
Belkin, Freda	B.A. 3	40 Querbes Ave., Outremont, Que. (Apt. 7)	DO 4749
Belli, Dante D. J	Eng. 2	7112 St. Lawrence Blvd., Montreal	CR 0722
Bennett, Dorothy R	B.A. 3	4091 Tupper St., Westmount, Que.	FI 7560
Bennett, Edwin R	B.A. 4	3637 University St., Montreal	MA 1824
		Sackville, N.B.	
Bennett, Janice N	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		R.M.D. No. 1, Bury, Que.	
Bennett, John K	Med. 3	2011 Mansfield St., Montreal	MA 2724
		c/o W. H. Bennett, 51 Chambers St., New York City.	
Benson, Norman L	Eng. 2	2284 Wilson Avenue, Montreal	DE 6022
Bercovitch, Margery F	B.A. 1	12 Park Place, Westmount, Que.	WE 2630
Bercuson, Norman L	Eng. 1	721 De L'Epee Ave., Outremont, Que	DO 2724
Berger, Julius	Grad. Sch	3420 Grey Ave., Montreal	DE 6757
Berger, Montague	B.A. 3	3420 Grey Avenue, Montreal	DE 6757
Bergeron, Lawrence N	Med. 1	Douglas Hall, Montreal	BE 2885
		48 Chestnut Street, Rochester, N.H.	
Berkowitz, Saul M	Arch. 4	40 Querbes Avenue, Montreal (Apt. 10)	CR 5100
Berman, Aaron J	B.Sc. 2	784 De L'Epee Avenue, Outremont, Que	DO 2830
Bernier, Jean	Com. 4	2054 Mansfield Street, Montreal	LA 5528
		110 Turnbull Avenue, Quebec City, Que.	
Berry, Darrell A	Med. 3	3417 Hutchison Street, Montreal	HA 6093
		W Center St., Fallon, Nevada.	
Bertrand, Jacques J	B.Sc. 1	460 Champagneur Avenue, Outremont, Que	CA 0503
Bertrand, Paul	Grad. Sch	Macdonald College, Que	Ste. A 87
		Cap Rouge, Que.	
Berube, Arthur H	Com. 2	3693 Park Avenue, Montreal	HA 0737
Besner, Mortimer	B.A. 1	238 Elm Avenue, Westmount, Que.	FI 0757
Best, Marion G	B.A. 4	Royal Victoria College, Montreal	MA 9176
		Bedford, Que.	
Bettesworth, Marie A	Homemaker	Macdonald College, Que	Ste. A 98
		36 St. Ursule St., Quebec City, Que.	
Beaullac, Mireille M	Arts P	3571 University Street, Montreal	MA 4477
Beusch, George J	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		310 Champlain St., St. Johns, Que.	
Beveridge, Harold N	Eng. 2	2061 St. Luc, Apt 5, Montreal	WI 8756
Beveridge, Massey W	Com. 2	3241 Cedar Avenue, Westmount, Que	WE 3244
Biderman, David	Eng. 3	4558 Drolet Street, Montreal	
Bie, William F	Med. 4	3483 Peel Street, Montreal	LA 0643
		Belle Plaine, Sask	
Bigelow, Jesse E	B.A. 4	3485 McTavish Street, Montreal	PL 1649
		Chesterville, Ont.	
Biggar, Mary E	B.A. 1	661 Davaar Avenue, Outremont, Que	CA 7522
Bigley, Bernice M	B.A 4	Royal Victoria College, Montreal	MA 9176
		21 Barat Road, Westmount, Que.	FI 6814
Bilodeau, Claire	Homemaker	Macdonald College, Que	Ste. A 98
		101 Rue Racine, Chicoutimi, Que.	
Bindman, Frieda C	B.A. 4	2058 Metcalfe Street, Montreal	LA 1701
		68 Alfred St., Thetford Mines, Que.	
Bingham, George E	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Stanley, N.B.	
Birchard, Lucile	Grad Sch	1474 Fort St., Montreal	WI 1812

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Birks, George D.	Com. 2	1469 Drummond St., Apt. 80, Montreal	MA 1828
Birks, Mrs. I. M	Agr P	Macdonald College, Que	Ste. A 98
		5169 Earnscliffe Avenue, Montreal.	
Birks, Richard S.	Med. 1	1469 Drummond Street, Montreal.	LA 2863
Birse, Robert P	Eng. 1	23 Kings Road, Valois, Que	
Bishinsky, Charles	B.Sc. 1	621 Bloomfield Avenue, Montreal	CA 6986
Bishop, Annetta C.	Grad. Sch	3670 Lorne Crescent, Montreal	MA 2726
		Bridgetown, N.S.	
Bishop, Dalton M.	B.A. 4	3506 University Street, Montreal	MA 2055
		Bishopton, Que.	
Bishop, Dunbar D.	Com. 3	3605 University Street, Montreal	MA 3101
		82 Fourth Avenue, Ottawa.	
Bishop, L. Craig	Eng. 1		
		158 Quebec Street, Sherbrooke, Que	PL 2073
Bissonnet, Charles	B Sc 1	57 St. Jacques W., Chambly-Bassin, Que.	
Bjorklund, Gordon H.	Grad. Sch	5622 Sherbrooke St. W., Montreal	DE 5426
Black, Barbara E.	B.Sc 2	Royal Victoria College, Montreal	MA 9176
		1140 Redland Avenue, Moose Jaw, Sask.	
Black, Desmond E. M.	Com. 2	3605 University Street, Montreal	MA 3101
		P.O. Box 246, Buckingham, Que.	
Black, Ernest G.	Com. 4	3637 University Street, Montreal	MA 1824
Black, William N.	Agr. 4	Macdonald College, Que	Ste. A 87
		St. Martin's Saint John Co., N.B.	
Blackmore, Katherine M.	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		15 St. Ursule St., Quebec City, Que.	
Blade, Milo O.	Med. 1	Douglas Hall, Montreal	BE 2885
		45 Tiogue Avenue, West Warwick, R.I.	
Blair, Marion H.	Arts P	52 Windsor Avenue, Montreal	DE 9146
Blampin, Iris M.	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		South Stukeley, Que.	
Blanchard, John R.	Eng. 1	4944 Mira Road, Montreal	EL 6220
Blanchard, Robert L.	B.Sc. 1	55 Holton Avenue, Westmount, Que.	FI 8326
Blanchard, Thomas R.	B.Sc. 2	423 Grosvenor Avenue, Westmount, Que.	DE 1095
Blaylock, Kathleen L.	B Sc. 1	Royal Victoria College, Montreal	MA 9176
		Tadanac, Trail, B.C.	
Blenkhorn, Herbert A.	Agr. 4	Macdonald College, Que	Ste. A 87
		Nappan Station, Cumberland Co., N.S.	
Bloom, Charles A.	B.Sc. 1	4889 Clarke Street, Montreal	BE 1324
Bloomfield, Harriet	B.A. 1	337 Elm Avenue, Westmount, Que.	WI 6239
Blumer, Jack	B.Sc. 2	5334 Brodeur Avenue, Montreal	DE 9786
Boggs, William B.	Eng. 2	3581 University Street, Montreal	MA 3842
		29 Tremoy Road, Noranda, Que.	
Bommattei, Ralph L.	Dent. 1	3460 Durocher Street, Montreal	HA 0476
		51 Nichols Street, Rochester, N.Y.	
Bonter, Norma	B A. 2	168 Carlyle Avenue, Town of Mount Royal, Que	BY 0524
Booth, Frank M.	Eng. 4	4448 Wilson Avenue, Montreal	EL 1447
Booth, Gertrude O.	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		R.R. No. 1, Waterloo, Que.	
Boothroyd, Edward F. H.	Law 1	524 Prince Arthur St. W., Montreal.	MA 9759
		Bishop's University, Lennoxville, Que.	
Boright, Robert R.	B.Sc. 2	Y.M.C.A., 1441 Drummond Street Montreal	MA 4171
		Waterloo, Que.	
Borsman, Charles H. R.	B. Sc. 2	2070 Lincoln Ave., Montreal	
		4610 Dewdney Avenue, Regina, Sask.	
Bos, Carlo G.	B.A. 3	772 Sherbrooke Street W., Montreal.	PL 1156
		c/o J. L. Morin, 29 the Bund, Shanghai, China.	
Bouchard, Jean C.	Eng 4	1028 Mount Royal East, Montreal.	FR 7181
Boulkind, Mabel	Grad. Sch	3787 Grey Ave., Montreal	DE 6098
Boulter, Edward M.	Com. 3	3653 University Street, Montreal	PL 2073
		Box 628, Picton, Ont.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Bouman, Pieter J.	Agr. 1.	Macdonald College, Que.	Ste. A 87
		Beukelsweg, F2, Rotterdam, Holland.	
Bourke, George F.	B.A. 1.	320 Redfern Avenue, Westmount, Que.	FI 0769
Bourne, Charles G.	Eng. 4.	59 Birch Avenue, St. Lambert, Que.	St. L 982
Bourne, Reginald A.	Med. 1.	2310 Dorchester Street W., Montreal	WI 2910
Bovard, John P.	Eng. 1.	28 Richelieu Place, Montreal.	MA 2559
Bowden, Albert E.	B.Sc. 1.	1839 Lincoln Avenue, Apt. 6, Montreal.	WI 0220
Bowden, Shirley C.	B.A. 2.	3517 Grey Avenue, Montreal.	EL 5019
Bowes, Gerald C.	Med. 2.	647 Milton Street, Montreal.	MA 1476
		Pictou, N.S.	
Bowie, Ralph A.	Eng. 1.	228-18th Avenue, Lachine, Que.	Lachine 1755-M
Bowker, Dorothy E.	Teachers' (Inter.).	Macdonald College, Que.	Ste. A 98
		Sutton Junction, Que.	
Boyce, Dorothy M.	B.Sc. 2.	1555 Ducharme Avenue, Outremont, Que.	CA 5667
Boyd, David P.	Med. 4.		
		103 Dufferin Road, Valleyfield, Que.	
Boyd, H. Clark.	Med. 5.	3568 Shuter Street, Apt. 9, Montreal.	MA 7144
		Ann Arbor, Mich.	
Boyd, Margaret I.	B.A. 4.	Military Hospital, Ste. Anne de Bellevue, Que.	Ste. A 202
Boyles, William H.	Dent. 1.	4395 Walkley Avenue, Montreal.	DE 7697
Bradford, Shirley A.	Com. 1.	Royal Victoria College, Montreal.	MA 9176
		21 Mountain Street, Granby, Que.	
Bradley, Charles A.	Eng. 2.	4615 Royal Avenue, Montreal.	EL 1630
Bradshaw, Helen W.	Grad. Nurse.	Royal Victoria College, Montreal.	MA 9176
		4 Herbert Street, Port of Spain, Trinidad.	
Bradsher, Arthur B.	Med. 1.	419 Metcalfe Avenue, Westmount, Que.	WI 0914
Bradwell, Katharine E.	B.A. 2.	41 Mercille Avenue, St. Lambert, Que.	St. L 486W
Brain, Donald.	B.A. 2.	34 Ballantyne Avenue, Montreal West, Que.	DE 4851
Brands, Kenneth N. R.	Eng 3.	Douglas Hall, Montreal.	BE 2885
		Riverbend, Que.	
Bray, Harold P.	Med. 3.	2011 Mansfield Street, Apt. 46, Montreal.	LA 9724
		30-48, 36th Street, Long Island City, N.Y.	
Breed, Floyd M.	Med. 2.	3462 St. Famille Street, Montreal.	HA 1719
		16 Pellett St., Norwich, N.Y.	
Brent, Bernice M.	B.A. 4.	4392 Coolbrook Avenue, Montreal.	EL 6994
Breton, Theodore A.	Med. 5.	St. Luc Hospital, 1058 St. Denis St., Montreal.	HA 9121
		458 Queen St. E., Sault Ste. Marie, Ont.	
Brett, John E.	B.Sc. 1.	4180 Melrose Avenue, Montreal.	DE 8265
Briant, Alice M.	Agr. 4.	Macdonald College, Que.	Ste. A 98
		45 Perrault Ave., Ste. Anne de Bellevue, Que.	
Brickman, Leo.	Grad. Sch.	295 Villeneuve Avenue W., Montreal	CR 5547
		224 Dufferin Avenue, Winnipeg, Man.	
Bridge, John E.	Agr. 1.	Macdonald College, Que.	Ste. A 87
		The Cottage, Isfield, Uckfield, Sussex, Eng.	
Bridges, E. E. Louise.	Lib. Sch.	3547 University Street, Montreal.	LA 0789
		Cranbrooke, B.C.	
Briggs, Margaret A.	Grad. Nurse.	3504 Park Avenue, Montreal.	LA 8815
		Harvey Sta., N.B.	
Bright, Helen A.	Grad. Nurse.	3436 Shuter Street, Apt. 8, Montreal.	
		603, The Balfour, Regina, Sask.	
Brietzcke, Geraldine H.	B.A. 4.	31 Springfield Avenue, Westmount, Que.	WE 2521
Brillant, Jean R.	B.Sc. 1.	2043 Jeanne Mance Street, Montreal.	HA 2323
		Rimouski, Que.	
Brissenden, Leonard A. B.	Eng. 2.	55 Church Road, Dorval, Que.	
Brissenden, William G.	Grad. Sch.	55 Church Road, Dorval, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Bristow, Gordon C	Agr. 3	Macdonald College, Que P.O. Box 143, Cowansville, Que.	Ste. A 87
Brittain, Marjorie M	B.A. 1	Macdonald College, Que	Ste. A 144
Brockington, Colin W. M	B.Sc. 1	Douglas Hall, Montreal 199 Kingsway Avenue, Winnipeg, Man.	BE 2885
Brodeur, Guy	Com. 1	3518 Ontario Avenue, Montreal	PL 4972
Brodie, Barbara	B.A. 3	22 Edgehill Road, Westmount, Que.	WE 2570
Brodie, Mary E	Homemaker	Macdonald College, Que 4710 Upper Roslyn Avenue, Montreal.	Ste. A 98
Brodie, M. Joan	B.A. 4	385 Roslyn Avenue, Westmount, Que	DE 5721
Brogan, Lillian A	B.A. 4	3843 Marcil Avenue, Montreal	EL 3445
Bronson, Jean E	B.H.S. 2	Macdonald College, Que 182 Clemow Avenue, Ottawa, Ont.	Ste. A 98
Bronstein, Leon	Grad. Sch	717 Notre Dame W., Montreal	MA 0417
Bronstetter, W. Edgar	Arts P	348 Lansdowne Avenue, Westmount, Que	EL 0955
Brook, John F	Eng. 1	Y.M.C.A., 1441 Drummond St., Montreal Simcoe, Ont.	MA 4171
Brooke, Hewitt H. W	Med. 4	3843 Peel Street, Montreal Ardath, Sask.	LA 0643
Brooke, J. Robert	Med. 5	3433 Shuter Street, Montreal 945-20th Avenue, Seattle, Wash.	HA 4017
Brooks, Barbara	B.A. 2	23 Church Hill Avenue, Westmount, Que	FI 9868
Brooks, Dorothy L	B.A. 2	145 Wolseley Avenue, Montreal West, Que	DE 8026
Brooks, Gwyneth M	Teachers' (Inter.)	Macdonald College, Que 89-54th Avenue, Dixie, Lachine, Que.	Ste. A 98
Brossard, Leo	Eng. P	1470 Ontario E., Montreal	AM 0370
Brown, Arthur G	Grad. Sch	2063 Stanley St., Montreal Lloydminster, Sask.	MA 9038
Brown, Doreen M	B.A. 3	Royal Victoria College, Montreal Iberville, Que.	MA 9176
Brown, Douglas F	Grad. Sch	Douglas Hall, Montreal 123 Lansdowne Ave., Fredericton, N.B.	BE 2885
Brown, Fletcher M	Eng. 4	418 Claremont Ave., Apt. 36, Montreal 865 Logan St., Denver, Colo.	DE 4745
Brown, Frances M	B.A. 3	1495 Crescent Street, Montreal	PL 2622
Brown, George C	Eng 2	4322 Marcil Avenue, Montreal	EL 2321
Brown, George O	Eng. 2	4445 Old Orchard Avenue, Montreal	EL 3891
Brown, Henry E	Eng. 4	550 Milton Street, Montreal Vancouver, B.C.	LA 7036
Brown, John Q	B.A. 1	470 Mt. Stephen Avenue, Westmount, Que 45 St. Clair Ave. W. Toronto, Ont.	FI 8123
Brown, Lois R	Teachers' (Inter.)	Macdonald College, Que 642 Lansdowne Avenue, Westmount, Que.	Ste. A 98
Brown, Maurice K	Eng. 2	3506 University Street, Montreal 1507 Commercial Drive, Vancouver, B.C.	MA 2055
Brown, Norman M	Med. 3	4035 Harvard Avenue, Montreal	DE 0533
Brown, O. Robert	Phys. Ed. 1	3547 University Street, Montreal Daysland, Alta.	LA 0789
Brown, Phyllis L	Grad. Nurse	3515 Lorne Avenue, Montreal Victoria Street, Hamilton, Bermuda	MA 8249
Brown, Robert A		3807 Oxford Ave., Montreal	EL 5453
Brown, Robert F	Com. 2	3980 Cote des Neiges Road, Montreal	FI 9864
Brown, Rosemary H	B.A. 1	A-11 Glen agles Apts., Montreal	WI 4988
Brown, Samuel	Theol. 1	3485 McTavish Street, Montreal 3005-East 25th St., Vancouver, B.C.	PL 1649
Brown, William R	Com. 2	4322 Marcil Avenue, Montreal	EL 2321
Browne, A. Dalzell	Com. 3	1374 Sherbrooke Street W., Apt. 16, Montreal	LA 4907

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Brownrigg, Howard M	Eng. 1	4614 Melrose Avenue, Montreal	EL 4291
Bruneau, Mary A	B.A. 1	12 Bellevue Avenue, Westmount, Que	FI 8679
Brunt, Peter B	Teachers' (Inter.)	Macdonald College, Que	Ste. A 87
		Apt. 1, 4921 Sherbrooke St., Westmount, Que	
Brunton, Alice	B.A. 2	3600 McTavish Street, Montreal	PL 2493
Brunton, Lauder	B.Sc. 3	3600 McTavish Street, Montreal	PL 2493
Bryant, William H	Dent. 1	475 Wiseman Avenue, Outremont, Que	CR 9613
Bubbis, Morris I	Eng. 4	3471 Hutchison Street, Montreal	MA 9794
		406 Andrews St., Winnipeg, Man.	
Buchanan, Arnold A	Eng. 3	3472 Montclair Avenue, Montreal	DE 9452
Buchanan, Jean M	Phys. Ed. Grad	2301 Regent Avenue, Montreal	DE 1597
Buchanan, John H	B.A. 1	Douglas Hall, Montreal	BE 2885
		38 Stewart St., Ottawa.	
Buchanan, Katherine M	B.H.S. 1	Macdonald College, Que	Ste. A 98
		St. Stephen, N.B.	
Buchanan, W. J. V	Theol. 3	3506 University Street, Montreal	MA 2055
		Ardara Co., Donegal, Irish Free State.	
Buckingham, Amy P	B.A. 1	912 Pratt Avenue, Outremont, Que.	AT 4613
Buckland, Keith A	Com. 2	4180 Wilson Avenue, Montreal	DE 8162
Buell, John H	Med. 5	2028 Victoria Street, Montreal	PL 1078
		247 Ellsworth Avenue, New Haven, Conn.	
Bulger, James J	Med. 3	905 Hartland Avenue, Outremont, Que	AT 4496
Bulley, Elizabeth R	B.A. 2	4715 Roslyn Avenue, Westmount, Que	EL 5009
Bundy, Kathleen E	B.H.S. 4	Macdonald College, Que	Ste. A 98
		Erickson, B.C.	
Buntain, Herbert M	Theol. 1	3485 McTavish Street, Montreal	PL 1649
		New Glasgow, N.S.	
Bunting, Elizabeth L	Lib. Sch	Macdonald College, Que	Ste. A 124
Burgess, B. A.	B.Sc. 1	4334 Harvard Avenue, Montreal	EL 2048
Burnell-Jones, Eric C	Agr. 4	Macdonald College, Que	Ste. A 87
		193 Pickhurst Lane, West Wickham, Kent, Eng.	
Burnet, Jean B	B.Sc. 3	2334 Wilson Avenue, Montreal	DE 6439
Burnett, Niall H	B.A. 3	3485 McTavish Street, Montreal	PL 1649
		24 Upper Hillsboro St., Charlottetown, P.E.I.	
Burnie, John L	Eng. 3	4151 Westhill Avenue, Montreal	DE 3219
Burns, D. M	Theol. 3	3506 University Street, Montreal	MA 2055
		4338 Westmount Avenue, Westmount, Que.	
Burns, Warren W	Med. 4	366 Sherbrooke Street W., Montreal	HA 9524
		340 Massabesic Street, Manchester, N.H.	
Burrows, John W	Eng. 2	163 Portland Avenue, Town of Mount Royal, Que	BY 0240
Burt, Dorothy F	B.A. 4	Royal Victoria College, Montreal	MA 9176
		1311 Keston St., St. Paul, Minn.	
Burt, James R	Theol. 3	3506 University Street, Montreal	MA 2055
		26 Wellington St., Edinburgh, Scotland.	
Bussiere, Rene	B.Sc. 3	4215 Northcliffe Avenue, Montreal	EL 0343
Butler, William T	Eng. 3	2168 Sherbrooke St. W., Apt. 5, Montreal	FI 2348
Bychowsky, Victor	Grad Sch	2945 Maplewood Avenue, Montreal.	WA 8252
Byers, Helen D	B.A. 3	5 Summit Circle, Westmount, Que.	FI 2250
Byers, Malcolm A.	B.A. 2	5 Summit Circle, Westmount, Que.	FI 2250
Byers, Robert J	Med. 1	Douglas Hall, Montreal	BE 2885
		406 E. Penn St., Butler, Penna.	
Cadman, Thomas	Med. 1	6 Weredale Park, Westmount, Que.	FI 9621
		Fort Elgin, N.B.	
Cairns, William M	Eng. 2	3490 Grey Avenue, Montreal	EL 8417
Caiserman, Nina	B.Sc. 3	4223 Esplanade Avenue, Montreal	HA 6978
Calder, James A	B.Sc 3	3605 University Street, Montreal	MA 3101
		71 Roxborough Apts., Laurier Ave., Ottawa, Ont.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Calder, John	Eng. 1	Strathcona Hall, 772 Sherbrooke St. W., Montreal	PL 1156
		478-8th St., Medicine Hat, Alta.	
Calhoun, John M	Grad. Sch	1237 Guy St., Montreal	WI 4758
		1331, 15th St., N.W., Calgary, Alta.	
Callandar, Carolyn	Grad. Sch	3474 McTavish St., Montreal	LA 7645
Callbeck, Lorne C	Agr. 4	Macdonald College, Que	Ste. A 87
		Experimental Station, Charlottetown, P.E.I.	
Calverley, Joan E	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		4464 Old Orchard Avenue, Montreal.	
Cameron, Adam K	Eng. 4	1511 Crescent Street, Montreal	
		c/o Royal Bank of Canada, Regina, Sask.	
Cameron, Archibald F	B.Sc. 1	371 Olivier Avenue, Westmount, Que	FI 7037
Cameron, Douglas A	Eng. 3	3573 Hutchison Street, Montreal	HA 7696
		1106-8th Street E., Calgary, Alta.	
Cameron, Douglas G	Med. 3	3485 McTavish Street, Montreal	PL 1649
		Swift Current, Sask.	
Cameron, Dwight	Med. 4	3467 Shuter Street, Montreal	
		102 Dover Parkway, Stewart Manor, N.Y.	
Cameron, James W	Eng. 3	3573 Hutchison Street, Montreal	HA 7646
		1106 Eighth St. E., Calgary, Alta.	
Cameron, James W. M	Grad. Sch	Macdonald College, Que	Ste. A 395
		Stellarton, N.S.	
Cameron, Joann	Music	4040 Harvard Avenue, Montreal	DE 9214
Cameron, M. C. Adrienne	Agr. P	Macdonald College, Que	Ste. A 98
Cameron, Mary F	B.A. 2	2256 Marcil Avenue, Montreal	DE 4975
Campbell, Arthur G	B.A. 4	1511 Mackay Street, Montreal	PL 7601
Campbell, C. C	Theol. 1	3473 University Street, Montreal	MA 4902
		Queen's University Grounds, Kingston, Ont.	
Campbell, Donald A	Theol. 3	3485 McTavish Street, Montreal	PL 1649
		Heatherdale, P.E.I.	
Campbell, Donald L	B.A. 3	3579 Shuter St., Montreal	
		15 Lawrence Crescent, Toronto, Ont.	
Campbell, Dora M	B.A. 4	1511 Mackay Street, Montreal	PL 7601
Campbell, Eleanor C	B.H.S. 4	Macdonald College, Que	Ste. A 98
		Dalesville, Que.	
Campbell, Gordon D	Agr. 4	Macdonald College, Que	Ste. A 87
		Stewiacke East, Col. Co., N.S.	
Campbell, Howard	Eng. 2	3506 University Street, Montreal	MA 2055
		2212-4th Street W., Calgary, Alta.	
Campbell, James A	Grad. Sch	Macdonald College, Que	Ste. A 272
		21 Division St., Guelph, Ont.	
Campbell, James E	B.Sc. 1	4361 Draper Avenue, Montreal	EL 1024
Campbell, Margaret A	B.A. 1	Royal Victoria College, Montreal	MA 9176
		2000 Cedar Crescent, Vancouver. B.C.	
Campbell, Noel	Eng. 4	418 Claremont Ave., Apt. 36, Montreal	
		1857 Richmond St., Windsor, Ont.	
Campbell, Robert D	B.A. 2	404 Manning Avenue, Verdun, Que.	YO 5971
Cann, D. Bruce	Grad. Sch	Macdonald College, Que	Ste. A 166
		Yarmouth, N.S.	
Cann, Everett D	Agr. 3	Macdonald College, Que	Ste. A 87
		Experimental Station, Kentville, N.S.	
Cannon, Douglas G	Grad. Sch	Macdonald College, Que	Ste. A 87
		244 Irving Ave., Ottawa, Ont.	
Cannon, Frederick M	Grad. Sch	Macdonald College, Que	Ste. A 85
		St. Eleanors, P.E.I.	
Cannon, John J. R	Grad. Sch	3527 Lorne Avenue, Montreal	MA 1956
		244 Irving Avenue, Ottawa, Ont.	
Caplan, Hyman	Com. 1	4145 De Bullion St., Montreal	
Cardella, Orlando L. V.	Eng. 1	1656 Joliette Street, Montreal	
Cardon, Norman	B.A. 2	5322 Hutchison Street, Outremont, Que	CR 9542
Carey, Edward F	B.A. 2	4353 Harvard Avenue, Montreal	EL 4398

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Carlyle, Eleanor F.	B.H.S. 1.	Macdonald College, Que. 1116 Sydenham Road, Calgary, Alta	Ste. A 98
Carlyle, John Y.	Agr. 4.	Macdonald College, Que. 1116 Sydenham Road, Calgary, Alta.	Ste. A 87
Carlyon, Anthony J. M.	B.A. 1.	Douglas Hall, Montreal St. Timothee, Co. Beauharnois, Que.	BE 2885
Carnell, Dorothy W.	B.Sc. 3.	Royal Victoria College, Montreal St. John's, Newfoundland.	MA 9176
Carney, Gilbert D.	Dent. 3.	3615 University St., Montreal 114 Harvard St., Everett, Mass.	
Caron, Evelyn H.	B.A. 1.	126 Wicksteed Ave., Town of Mount Royal, Que	AT 1513
Caron, Joseph-Adolphe	Eng. 1.	42a Bowen North St., Sherbrooke, Que.	
Carr, Elizabeth M.	B.H.S 2.	Macdonald College, Que. Huntingdon, Que.	Ste. A 98
Carrier, Marie O.	Grad. Nurses.	St. Mary's Hospital, Lacombe Ave., Montreal, Que 14 First Ave. W., Longueuil, Que.	WA 2771
Carroll, Catherine S.	B.H.S. 3.	Macdonald College, Que. Box 149, Salmon Arm, B.C.	Ste. A 98
Carroll, Jessie M. S.	B.A. 4.	547 Lansdowne Ave., Westmount, Que	WE 5754
Carroll, John J.	Med. 4.	3023 Metcalfe St., Montreal (Apt. 9)	HA 6365
Carroll, Marjorie E.	B.A. 2.	1602 Athlone Road, Town of Mount Royal, Que	AT 0408
Carruthers, Ewen P.	Med. 1.	3506 University St., Montreal Virden, Man.	MA 2055
Carter, Ernest C.	Grad. Sch.	6900 Boyer St., Montreal	CA 8630
Carty, E. Bower	Com. 3.	3506 University St., Montreal 160 Waverley St., Ottawa, Ont.	MA 2055
Cass, Frederick L.	B.Sc. 4.	3610 Hutchison St., Montreal St. Dunstan's College, Charlottetown, P.E.I.	MA 5537
Cass, Norma E.	Teachers' (Inter.).	Macdonald College, Que. Ayer's Cliff, Que.	Ste. A 98
Cass, Ruth I.	Homemaker.	Macdonald College, Que. Hawkesbury, Ont.	Ste. A 98
Casselman, Archie B.	Theol. 2.	3485 McTavish St., Montreal Finch, Ont.	PL 1649
Casserly, Leo M.	Agr. P.	Macdonald College, Que. Division of Illustrations, Central Experimental Farm, Ottawa, Ont.	Ste. A 87
Cattermull, M. Yvonne	B.A. 1.	Royal Victoria College, Que New Carlisle, Que.	MA 9176
Cavers, Marietta A.	B.A. 2.	3490 Shuter St., Montreal Ormstown, Que.	MA 2898
Cayford, Ralph B.	B.Sc. 1.	4158 Oxford Ave., Montreal	DE 9232
Cerini, Fred. V.	Med. 1.	5605 Waverly St., Montreal	CR 4509
Chabot, Juliette	Lib. Sch.	1128 Island St., Montreal	WI 5034
Chadwick, Mary C.	Arts P.	18 Ramzay Road, Westmount, Que.	WE 6358
Chaisson, Arthur F.	Med. 5.	Children's Memorial Hospital, Montreal 127 Elliot Row, St. John, N.B.	FI 4661
Chalmers, Robert H.	Med. 1.	Douglas Hall, Montreal South Devon, N.B.	BE 2885
Chambers, Allison C.	B.A. 1.	4830 Roslyn Ave., Montreal	EL 3973
Chan, Gordon F. Y.	B.Sc. 1.	60 Lagauchetiere St. W., Montreal.	
Chandler, Carl C.	Grad. Sch.	Chelsea, Mich.	
Chaplin, Charles E.	B.Sc. 3.	4411 King Edward Ave., Montreal	DE 7667
Chapman, Frederic D.	Med. 5.	1529 Cedar Ave., Montreal 106 Scottholm Terrace, Syracuse, N.Y.	PL 4464
Chapman, William P.	Med. 5.	3506 University St., Montreal Broadalbin, N.Y.	MA 2055
Chard, Cathleen	B.A. 2.	241 Elm Ave., Westmount, Que.	FI 7768
Charest, Leandre R.	Med. 4.	St. Luke's Hospital, Montreal 414 Wilson St., Manchester, N.H., U.S.A.	HA 9121
Charlton, Peter R. E.	Com. 2.	391 Wiseman Ave., Outremont, Que.	CR 2743

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Chauvin, Ernest	B.Sc. 1	2789 Maplewood Ave., Outremont, Que.	AT 2691
Chauvin, John C.	Eng. 1	2789 Maplewood Ave., Outremont, Que.	AT 2691
Cheban, Jeanette	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		3652 De Bullion St., Montreal.	
Chenoweth, David M.	B.A. 4	614 Argyle Ave., Westmount, Que.	WE 4507
Cherry, Hilda	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal.	
		34 Maplewood Ave., Outremont, Que.	CA 4348
Cherry, Joseph B.	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		23 John St., Norwich, Conn., U.S.A.	
Cheses, Oscar H.	B.A. 1	40 Querbes Ave., Outremont, Que.	CR 5700
		4 Wellington Hill St., Boston, Mass.	
Chesney, L. Parker	Med. 2	599 Victoria Ave., Westmount, Que.	EL. 3567
Chevalier, Raymonde	Arts P	Gleneagles Apt., 61C Cote des Neiges, Montreal	FI 1906
		Senneville, Que.	
Chiapella, Karl J.	Med. 4	Douglas Hall, Montreal	BE 2885
		4620 So-willeno, Chico, Calif, U.S.A.	
Childers, Walter R.	Agr. 4	Macdonald College, Que.	Ste. A 87
		Avonport, King's Co., N.S.	
Childs, Aileen, M.	B.A. 3	4149 Beaconsfield Ave., Montreal	EL 0212
Childress, Max E.	Med. 2	545 Pine Ave. W., Montreal	MA 1545
		1435-32nd Ave., San Francisco, Calif.	
Chilson, Betty Jane	Arts P	Royal Victoria College, Montreal	MA 9176
		Stow, N.Y., U.S.A.	
Chipman, Eugene W.	Agr. 3	Macdonald College, Que.	Ste. A 87
		R.R. No. 3, Bridgetown, N.S.	
Chisolm, Juliet	Med. 3	3546 Shuter St., Montreal	LA 3802
		Oakville, Ont.	
Chu, Fred	Med. 4	189 Dorchester St. W., Montreal	HA 0789
		130 Pender St. E., Vancouver, B.C.	
Church, Athol C.	Med. 4	1535 Sherbrooke St. W., Montreal	FI 4470
Church, Carlton L.	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		2259 Hamilton St., Regina, Sask.	
Church, Ruth M.	B.A. 2	126 Vivian Ave., Town of Mount Royal, Que.	AT 1334
Claener, Moses	Dent. 3	3617 Lorne Crescent, Montreal	PL 5746
		New Waterford, N.S.	
Clancy, Hugh F.	B.A. 4	3511 Shuter St., Apt. 3, Montreal...	
Clare, Margaret	B.A. 4	4846 Grosvenor Ave., Westmount, Que.	EL 4908
Clark, Alan G.	B.A. 1	Douglas Hall, Montreal	BE 2885
		11 Woods Ave., Holyoke, Mass., U.S.A.	
Clark, Gerald	B.Sc. 3	4389 Marcil Ave., Montreal	EL 8978
Clark, Jocelyn G.	Arts P	Douglas Hall, Montreal	BE 2885
		108 Ave. de l'Observatoire, Brussels, Belgium.	
Clark, Marion C.	Grad. Nurses	3429 Ste. Famille St., Montreal	PL 6807
		10308-121st St., Edmonton, Alta.	
Clarke, Anna R.	B.A. 2	4400 Old Orchard Ave., Montreal	WA 5054
Clarke, Carolyn E.	B.A. 3	15 Grove Park, Westmount, Que.	FI 7627
Clarke, George F.	B.A. 3	3489 Atwater Ave., Montreal	WI 8126
Clarke, Millicent E.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		3210 Rushbrooke St., Verdun, Que.	
Cleveland, Courtney E.	Grad. Sch	3637 Oxenden Ave., Montreal	MA 8729
		3737 Pine Crescent, Vancouver, B.C.	
Cliff, Dorothy A.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		228 Brock St., Kingston, Ont.	
Clifford, Dorothy E.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		La Tuque, Que	
Coburn, Annie M.	B H S 2	Macdonald College, Que.	Ste. A 98
		Prescott, Ont.	
Cochrane, Peter W.	Eng. 2	2009 Mansfield St., Montreal	HA 0889
		Ruscoe, Gatehouse, Scotland.	
Cockerline, Janet P.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		Henrysburg, Que.	
Cockfield, J. Gordon	B.A. 3	171 Edgehill Road, Westmount, Que.	WE 4344

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Cocks, Kathleen M	B.H.S. 1	Macdonald College, Que	Ste. A 98
		15 Ward Ave., Tompkinsville, Staten Island, N.Y.	
Cohen, Arthur	Med. 2	877a Dollard Ave., Outremont, Que	CA 7641
Cohen, Max	Med. 2	264 Villeneuve St. W., Montreal	LA 7357
Cohen, Montroy J	B.Sc. 1	386 Roslyn Ave., Westmount, Que	EL 9798
Cohen, Philip	Com. 2	4833 Esplanade Ave., Montreal	CA 5994
Cohen, Ruth R	B.A. 4	5208 Cote St. Antoine Rd., Montreal	DE 8934
Cohen, Sybil B	B.A. 2	5 Douglas Ave., Westmount, Que	WE 4539
Cohen, William	Eng 2	239 Parc Cartier, St. Henri, Que	WI 3016
Colby, Harriet C	Grad. Sch	1321 Sherbrooke St. W., Montreal	LA 7685
Colby, John H. E	B.A. 3	1321 Sherbrooke St. W., Apt. 90, Montreal	LA 7685
		Stanstead, Que.	
Cole, Alison P. G	B.A. 2	108 Hickson Ave , St Lambert, Que	St L 1481
Cole, Frederick D	Eng 1	3506 University St., Montreal	MA 2055
		166 Holmwood Ave., Ottawa, Ont.	
Cole, Muriel L	B.Sc. 3	68-35th Ave., Lachine, Que	Lachine 652
Cole, Vincent P	B.A. 2	3473 University St., Montreal	MA 4902
		Wetaskiwin, Alta	
Collard, E. A	Grad. Sch	4198 West Hill Ave., Montreal	DE 3247
Collier, Cecil A	B.A. 3	4101 West Hill Ave., Montreal	EL 6851
Collins, Howard H	Dent. 3	772 Sherbrooke St. W., Montreal	PL 1156
		12 Dix Ave., Glens Falls, N.Y., U.S.A.	
Collins, Ian N	Com. 3	324 Redfern Ave., Westmount, Que.	WI 1241
Collins, James	B.A. 3	3485 McTavish St., Montreal	PL 1649
		King St. E., Brockville, Ont.	
Collins, Jean I	Grad. Nurses	7235 Champagneur Ave., Montreal	CA 5264
Collins, Mary M	B.A. 1	Royal Victoria College, Montreal	MA 9176
		669 Laviolette Ave., Three Rivers, Que.	
Collip, Margaret M	B.Sc. 2	6 Grenville Ave., Westmount, Que.	WE 6595
Colm, C. Leland	Med. 5	545 Pine Ave. W., Montreal	MA 1545
		Durham, Calif, U.S.A.	
Comber, Clarence S	Arch. P	4206 Old Orchard Ave., Montreal	DE 0324
Conklin, Raymond	Med. 5	Macdonald College, Que	Ste. A297
Conklin, Virginia L	B.H.S. 1	Macdonald College, Que	Ste. A 98
Connolly, George G	B.A. 3	6643 Park Ave., Montreal	
Connolly, James E	Dent. 3	3615 University St., Montreal	
		98 Boston St., Salem, Mass., U.S.A.	
Conrad, Walter G	B.A. 2	1441 Drummond St., Montreal	MA 4171
		Upper Bedford, Que.	
Conyers, Harold E	B.Sc. 1	209 Edgehill Rd., Westmount, Que	WA 5242
Cook, Doreen V	B.H.S. 1	Macdonald College, Que	Ste. A 98
		157 Cedar St., Sudbury, Ont.	
Cook, J. Bernard	Med. 5	495 Prince Arthur St. W., Apt. 19, Montreal	MA 9769
		157 Cedar St., Sudbury, Ont.	
Cook, Kenneth G	Eng. 4	381 Prince Albert Ave., Westmount, Que.	EL 8665
Cooke, Lloyd M	Grad. Sch	Douglas Hall, Montreal	BE 2885
		Neillsville, Wis., U.S.A.	
Cooke, Robert W	Arts P	10233 Delaroche St., Montreal	DU 1943
Cookman, Mildred F	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		Lacolle, Que.	
Cooper, Everett A	Med. 1	3505 Lorne Ave., Montreal	HA 1385
		Ormstown, Que.	
Cooper, Douglas J	Agr. 4	Macdonald College, Que	Ste. A 87
		Ste. Anne de Bellevue, Que.	
Cooper, Gerald M	B.A. 3	6 Kelvin Ave., Outremont, Que	AT 0822
Cooper, James H	Agr. 4	Macdonald College, Que	Ste. A 87
		Ste. Anne de Bellevue, Que.	
Cooper, John I	Grad. Sch	Dept. of History, McGill University.	
		185 Central Ave., London, Ont.	
Cooper, Sydney G	Arts P	839 Stuart Ave., Outremont, Que.	DO 6413
Cooperberg, Abraham A	B.Sc. 4	680 Wiseman Ave., Montreal	CA. 3967
Coote, Alexander H	B.Sc. 1	7 Cedar Ave., Pointe Claire, Que.	PteC40-J Pte.C2411
Coote, Margaret B	B.A. 2	7 Cedar Ave., Pointe Claire, Que.	Pte.C40–7 Pte.C2411

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Coote, Mary L.	B.A. 3	7 Cedar Ave., Pointe Claire, Que.	Pte.C40–J Pte.C2411
Copeman, Frances M	Grad. Nurses	3429 Ste. Famille St., Apt. 6A, Montreal	LA 6807
		Victoria Apts., Regina, Sask.	
Coppick, Sydney	Grad. Sch	3515 Durocher St., Montreal	LA 2978
Copping, Edward	Eng. 1	3414 Hutchison St., Montreal	MA 3069
		49 St. Thomas St., Joliette, Que.	
Corber, Abraham A.	Med. 3	5338 Waverly St., Montreal	CR 7773
Corcoran, William R.	Med. 4	3745 Hutchison St., Montreal	LA 0744
		16 E. Clinton St., Binghamton, N.Y.	
Cordell, Malcolm Victor	B.Sc. 1	3770 Westmount Blvd., Westmount, Que.	WE 4447
Cosman, Ruth B	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		Andover, N.B.	
Costin, Saul Jack	B.Sc. 3	5653 Hutchison St., Montreal	CR 4638
Cotnam, Harold B.	Med. 1	1429 Bishop St., Apt. 7, Montreal	PL 6778
		99 Isabella St., Pembroke, Ont.	
Coughlin, Violet L.	Lib. Sch	526 Clarke Ave., Westmount, Que.	WE 1907
Counsell, Eric M.	Grad. Sch	2030 Peel St., Montreal	MA 4650
Coupland, Anne E. T.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		4630 St. Catherine St., Westmount, Que.	
Coutts, Erskine	Eng. 4	3469 Montclair Ave., Montreal	DE 7377
Covernton, Carleton C.	Med. 3	Douglas Hall, Montreal	BE 2885
		1627 Laurier Ave., Vancouver, B.C.	
Cowan, Regina E.	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal	
		2288 Harvard Ave., Montreal.	WA 2771
Cowan, Glenn K.	B.Sc. 2	3485 McTavish St., Montreal	PL 1649
		77 Tisdale St. S., Hamilton, Ont.	
Cowans, John C.	Com. 1	3456 Ontario Ave., Montreal	PL 3079
Cowans, Russell	Com. 2	1118 Elgin Terrace, Montreal	HA 6779
Cowie, John P.	Eng. 3	134 Brock Ave. N., Montreal West, Que.	DE 7639
Cowles, Victor P	B.Sc. 1	627 Carleton Ave., Westmount, Que.	WE 2053
		"Chalfont", 55 Kingsway Ave., Auckland Park, Johannesburg, S.A.	
Cowley, Frank C.	B.A. 1	3482 Durocher St., Montreal	MA 3485
		220 Powell Ave., Ottawa, Ont.	
Cownie, Douglas H.	B.Sc. 3	691 Grosvenor Ave., Westmount, Que.	DE 5547
Cox, Edythe C. C.	B.A. 4	530 Mount Pleasant Ave., Westmount, Que.	WI 8463
Cox, Frances D. L.	B.A. 1	95 Cardinal Ave., Ville St. Laurent, Que.	BY 1249
Cox, Robert H.	Med. 3	Homeopathic Hospital, Marlowe Ave., Montreal	DE 3571
		Four Falls, N.B.	
Cox, William L.	B.Sc. 1	3581 University St., Montreal	MA 3842
		I.B. Road, Jamshedpur, India.	
Crabtree, Eleanor Jane	B.A. 3	46 Curzon St., Montreal West, Que.	EL 7621
Crabtree, Harold Roy	B.Sc. 4	58 Forden Crescent, Westmount, Que.	WE 2154
Crabtree, Kathleen L.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Crabtree Mills, Que.	
Crabtree, Lorne K.	Eng. 2	Douglas Hall, Montreal	BE 2885
		Crabtree Mills, Que.	
Crack, Annie E.	B.A. 4	5699 Jeanne Mance St , Montreal	CR 4914
Craig, Phyllis M	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		51 Sheppard St., Quebec, Que.	
Cramer, Archie B.	Grad. Sch	3635 Durocher St., Montreal	
Crawford, Ian M.	B.Sc. 1	2355 Beaconsfield Ave., Montreal	DE 4632
Creelman, Donald W.	Agr. 4	Macdonald College, Que.	Ste. A 87
		Brookfield, Col. Co., N.S.	
Crease, Helen E.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		165 Coburg Rd., Halifax, N.S.	
Crombie, Peter L. S.	Eng. 1	1001 Sherbrooke St. W., Montreal	PL 6978
Cromwell, Lincoln W.	Med. 5	3686 St. Urbain St., Montreal	HA 9828
		3684 Dominion St., Burnaby, B.C.	
Cronk, Boyd K.	B.A. 3	3506 University St., Montreal	MA 2055
		Mountain Grove, Ontario.	

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Cronin, Eugene J.	Med. 1	3575 Jeanne Mance St., Montreal. 344 Varnum Ave., Lowell, Mass., U.S.A.	PL 7650
Cronyn, Juanita E.	B.A. 3	784 Upper Belmont Ave., Westmount, Que.	EL 2424
Cross, Derek H.	Med. 2	521 Prince Arthur St. W., Montreal. 124-56th St., Niagara Falls, N.Y.	HA 1839
Cross, John Arthur	B.A. 3	655 Victoria Ave., Westmount, Que.	EL 6163
Cross, Rita E.	Homemaker	Macdonald College, Que. Kirk's Ferry, Que.	Ste. A 98
Crossley, Robert H.	Dent. 4	8023 Western Ave., Montreal West, Que.	DE 0450
Crowdy, Betty	B.Sc. 3	73 Westminster Ave., Montreal West, Que.	DE 9141
Crowdy, Lorraine	B.A. 1	73 Westminster Ave., Montreal West, Que.	DE 9141
Crowfoot, Margaret H.	B.A. 4	Royal Victoria College, Montreal. 29 Garden St., Quebec, Que.	MA 9176
Crowley, Vernon F.	Eng. 3	5400 Queen Mary Road, Apt. 3, Montreal.	EL 6548
Crowther, Bruce S.	Arch. 5	3618 Durocher St., Montreal.	MA 9051
Crozier, Catherine H.	Arts P	Royal Victoria College, Montreal. 58 Algoma St. N., Port Arthur, Ont.	MA 9176
Crump, Irene J.	Teachers' (Inter.)	Macdonald College, Que. East Angus, Que.	Ste. A 98
Crutchfield, Gordon H.	Dent. 4	3647 University St., Montreal. Shawinigan Falls, Que.	MA 2806
Crutchfield, Ruth E. M.	Teachers' (Inter.)	Macdonald College, Que. Huntingdon, Que.	Ste. A 98
Crutchlow, Everett F.	Med. 5	690 Sherbrooke St. W., Montreal... 660 Lansdowne Ave., Westmount, Que.	EL 5964
Cuddy, John E.	Med. 4	902 Burnside St., Montreal. 16 Ridge Rd., Lawrence, Mass.	LA 7557
Cuke, Norman H.	Eng. 1	5574 Phillips Ave., Montreal.	AT 4878
Cullen, Milton L.	Med 5	1445 Aylmer St., Apt. 14, Montreal. 18 Hormer St., Mattapan ,Mass.	MA 7247
Cullinane, Robert D.	B.Sc. 4	3478 McTavish St., Montreal. 177 Gibson St., Canandaigua, N.Y., U.S.A.	PL 7412
Cullity, Bernard D.	Eng. 2	2112 Claremont Ave., Montreal.	
Cumming, Robert S.	Grad. Sch	495 Prince Arthur St., Apt. 26, Montreal. Petite Riviere, Lunenburgh, N.S.	LA 3331
Cunningham, Allister L.	Med. 5	3617 Lorne Crescent, Montreal. 24 Union St., Glace Bay, N.S.	PL 5746
Cunningham, Elson W.	B.Sc. 1	3434 Harvard Ave., Montreal.	DE 5261
Cunningham, Graham S.	B.Sc. 1	275 Trenton Ave., Montreal.	AT 4016
Cunningham, Martha E.	Teachers' (Inter.)	Macdonald College, Que. Huntingdon, Que.	Ste. A 98
Curtis, Harold J.	Eng. 4	562 Victoria Ave., Westmount, Que.	DE 2997
Cushing, Marjorie B.	B.Sc. 3	659 Victoria Ave., Westmount, Que.	EL 5963
Dahms, Clarence E.	Agr. 3	Macdonald College, Que. Shawville, Que.	Ste. A 87
Dailey, Thomas D.	Com. 1	1535 Bernard Ave., Apt. 33, Montreal. 44 Pearl St. W., Brockville, Ont.	CA 6273
Dakai, Elsie	Grad. Nurses	3637 Oxenden Ave., Montreal. 170 Tupper St., Sydney, N.S.	MA 8729
d'Albenas, Grace M.	B.H.S. 3	Macdonald College, Que. 4405 Marcil Ave., Montreal, Que.	Ste. A 98
Dalley, Fenner F.	Com. 4	1174 Seymour Ave., Montreal. "Wynnstay", Ancaster, Ont.	WI 4643
Dalmé, Jacques	Law 2	63 St. Germain St., St. Laurent, Que.	BY 0403
Dalton, Philip N.	Com. 2	750 Upper Lansdowne Ave., Westmount, Que.	EL 4640
Daly, Thomas C.	Eng. 1	445 Wiseman Ave., Outremont, Que.	CR 2645
Dando, John Arthur	B.A. 4	80-7th St., Longueuil, Que.	Long. 557
Dann, Doreen	B.A. 3	1537 St. Matthew St., Montreal.	FI 7363
Darby, John L.	Arch 2	3506 University St., Montreal. Box 1646, New Glasgow, N.S.	MA 2055

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Darche, Jean H.	Med. 4.	St. Luke's Hospital, Montreal	HA 9121
		1284 Royal St. E., Three Rivers, Que.	
Davids, Mabel O.	Lib. Sch.	419 Prince Arthur St. W., Montreal.	HA 1088
		600 East 77th St., Seattle, Wn., U.S.A.	
Davidson, Charles S.	Med. 4.	Douglas Hall, Montreal	BE 2885
		2200 College Ave., Berkeley, Calif., U.S.A.	
Davidson, Janet A.	Teachers' (Inter.).	Macdonald College, Que.	Ste. A 98
		Lemesurier, Que.	
Davidson, Thomas J.	B.Sc. 1.	549 Roslyn Ave., Westmount, Que.	EL 9461
Davies, Carlton L.	B.Sc. 2.	477 Prince Arthur St., Montreal.	LA 3691
		1 Williamson St., Malone, N.Y., U.S.A.	
Davies, Malcolm N.	B.A. 2.	5900 Clanranald Ave., Montreal.	EL 3274
Davies, W. Frederick A.	B.Sc. 4.	3581 University St., Montreal	MA 3842
		200 MacLaren St., Ottawa, Ont.	
D'Avignon, Sister Bernadette C.	Grad. Nurses.	St. Mary's Hospital, Lacombe Ave., Montreal	WA 2771
		Grey Nunnery, 1170 Guy St., Montreal.	
Davis, L. Patricia	B.A. 2.	64 St. Sulpice Rd., Montreal	FI 3744
Davis, Richard M.	B.Sc. 1.	3555 University St., Montreal	HA 5664
		24 Bellevue Terrace, St. Catharines, Ont.	
Dawson, George A.	Med. 1.	Douglas Hall, Montreal	BE 2885
		16 Granite St., Methuen, Mass., U.S.A.	
Deakin, Charles S.	Com. 4.	3510 Lorne Ave., Montreal	MA 4996
Dean, Barbara W.	Grad. Sch.	217 Ballantyne Ave., Montreal West, Que.	DE 4755
Deane, N. A. W.	Theol. 1.	3473 University St., Montreal	MA 4902
		2252 Harvard Ave., Montreal.	WA 8167
Deans, Sidney, A. V.	B.Sc. 3.	2807 Dandurand St., Montreal	CH 5058
de Bruin, Maartje S.	B.A. 3.	2260 Melrose Ave., Montreal	DE 0351
Decelles, Germain A.	Com. 2.	702 Hartland Ave., Outremont, Que.	AT 0672
Degnan, George.	Med. 4.	418 Pine Avenue, Montreal	MA 1037
		5001 Zara Avenue, Richmond, Calif.	
de Grandpre, Louis P.	Law 3.	31 Beloeil Avenue, Outremont, Que.	AT 3502
de Grey, Edward H.	Eng. 2.	4250 Sherbrooke St. W., Apt. 9, Westmount, Que	FI 6452
Delahay, Robert H.	B.Sc. 1.	Douglas Hall, Montreal	BE 2885
		9 All n Place, Ottawa, Ont.	
Deleray, Wilfred L.	Med. 4.	418 Pine Avenue, Montreal	PL 2035
		Sonora, Calif.	
Dellis, Effie M. E.	Arts P.	Royal Victoria College, Montreal	MA 9176
		San Pedro de Macoris, Dom. Rep.	
Dellis, John B.	Eng. 1.	San Pedro de Macoris, Dom. Rep.	
DeLong, Robert B.	Med. 2.	1471 Stanley Street, Montreal	LA 5845
		18 Elmwood Street, Worcester, Mass.	
De Martini, Leonard A.	Dent. 4.	3442 Durocher Street, Montreal	MA 7866
		407 Pearl Street, New York City.	
Demers, Real L.	Eng. 4.	6263 St. Denis Street, Montreal	CA 7972
Denbow, Ena.	B.A. 2.	4401 Esplanade Avenue, Montreal.	LA 6420
Denis, B. T.	Grad. Sch.	3203 Maplewood Ave., Montreal	WA 4077
		65 Ave. Levis, Quebec, Que.	
Denison, William A.	Com. 4.	Douglas Hall, Montreal	BE 2885
		189 Carling Avenue, Ottawa, Ont.	
Dennison, Mary E. R.	B.Sc. 2.	Beloeil Station, Beloeil, Que.	Bel. 137J
Dennett, Roger H.	Med. 1.	521 Prince Arthur St. W., Montreal.	HA 1839
		Harwinton, Conn.	
Denny, John O.	B.A. 3.	3485 McTavish Street, Montreal	PL 1649
		24 Upper Hillsboro St., Charlottetown, P.E.I.	
Denton, Ana G.	B.A. 2.	147 Portland Avenue, Town of Mount Royal, Que.	BY 0611
Denton, Dorothy M.	Grad. Sch.		

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
De Pierro, Ada I	Teachers' Kinder. Dir.	Macdonald College, Que.	Ste. A 98
		3460 Laval Avenue, Montreal	LA 5347
De Pierro, Henry	Arch. 2	3460 Laval Avenue, Montreal	LA 5347
Derby, A. Campbell	Med. 1	4107 Oxford Avenue, Montreal	DE 9774
		96 Magee Street, Westboro, Ont.	
Derby, Kathleen E	B.A. 4	Royal Victoria College, Montreal	MA 9176
		96 Magee Street, Westboro, Ont.	
Derick, Bernice M	B.A. 2	3816 Draper Avenue, Montreal	DE 9713
Derry, Wallace M	Eng. 4	5881 Monkland Avenue, Apt. 15, Montreal	EL 3344
Desautels, Raymond	Com. 2	772 Sherbrooke Street W., Montreal	PL 1156
		St. Georges, Beauce, Que.	
DesLauriers, Rose M	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		15 Crocus Place, St. Paul, Minn.	
Desmond, Francis J	Med. 4	3609 University Street, Montreal	MA 4300
		107 Alma Street, Moncton, N.B.	
Dessaulles, Pierre	Law 2	5180 Cote St. Antoine Rd., Montreal	DE 0883
de Tessier, Charles	Law 1	1493 Bishop Street, Montreal	LA 1096
de Tonnancour, L. Charles G.	Eng. 2	19 Sunset Avenue, Outremont, Que.	AT 2783
Dewar, James P	Med. 4	627 Milton Street, Apt. 4, Montreal	HA 0657
		23 N. Lake Avenue, Troy, N.Y.	
De Wit, Theresa B	Grad. Nurse P	St. Mary's Hospital, Montreal	
		1891 Springland Avenue, Montreal	FI 4468
DeWolfe, Charles H	Eng. 3	3480 Durocher Street, Montreal	MA 3485
		St. Stephen, N.B.	
Diamond, Lewis S	Dent. 4	5433 Hutchison Street, Montreal	
		3145 East 4th Street, Brooklyn, N.Y.	
Dick, Deborah	B.A. 4	3467 Ontario Avenue, Montreal	MA 7293
		Cobourg, Ont.	
Dick, Elizabeth C	B.Sc. 2	Royal Victoria College, Montreal	MA 9176
		11326-99th Avenue, Edmonton, Alta.	
Dick, Frances M	B.A. 1	4985 Victoria Avenue, Westmount, Que.	EL 2580
Dickison, John C	Med. 2	4462 Western Avenue, Westmount, Que.	WE 2187
Dinning, Catherine E	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		3542 Vendome Avenue, Montreal.	DE 8368
Dinning, Neil F	Dent. 4	3542 Vendome Avenue, Montreal	DE 8368
Dixon, Dorothy L	Lib. Sch	4217 Hingston Avenue, Montreal	EL 3428
Dixon, Janet K	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Brookside Avenue, Wayne, Pa.	
Doak, James B	Med. 1	3660 Lorne Crescent, Montreal	MA 9927
		Cowansville, Que.	
Dobbie, George H	Arts P	3478 McTavish Street, Montreal	PL 7412
		The Cedars, Galt, Ont.	
Dodd, Geoffrey J	Eng. 2	209 Carlyle Avenue, Town of Mount Royal, Que	BY 0916
Dodds, James R	Med. 3	772 Sherbrooke Street W., Montreal.	PL 1156
		Summerside, P.E.I.	
Dohan, E. Mary	B.A. 4	3407 Peel Street, Montreal	HA 3639
		Swift Current, Sask.	
Dohan, M. Jack T	Dent. 2	3407 Peel Street, Montreal	HA 3639
		Swift Current, Sask.	
Doheny, Daniel	B.A. 3	482 Roslyn Ave., Westmount, Que.	DE 3428
Doheny, Hugh	Law 1	482 Roslyn Ave., Westmount, Que.	DE 3428
Doherty, Ruth M	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		Scotstown, Que.	
Doig, Allan E	B.Sc. 1	44 Academy Road, Westmount, Que.	WE 2094
Dolan, Desmond D	Grad. Sch	Macdonald College, Que.	Ste. A 87
		Reynolds P.O., N.B.	
Dolphin, Marion A	Homemaker	Macdonald College, Que.	Ste. A 98
		Marysville, N.B.	
Donahue, Clement L	Med. 4	3433 Shuter Street, Montreal	HA 4017
		Presque Isle, Maine.	
Donlin, Donald J	Dent. 4	3444 Durocher Street, Montreal	MA 3050
		20 Howard Street, Waverley, N.Y.	
Donnelly, Grace C	Med. 1	406 Pine Ave., Apt. 76, Montreal	HA 4359
Donnelly, Thomas H. G.	B.Sc. 3	406 Pine Ave., Apt. 76, Montreal	HA 4359
Donnelly, Walter G	B.A. 3	4192 Wilson Avenue, Montreal	DE 7422
Doran, Ernest D	Eng. 2	24 Springfield Avenue, Westmount, Que.	WE 3446

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Doran, Marie B.	Arts P.	24 Springfield Avenue, Westmount, Que.	WE 3446
Dorion, Eugene S.	Dent. 1	495 Prince Arthur Street, Apt. 9, Montreal	PL 3537
		234 Rochester St., Ottawa, Ont.	LA 8073
Dorland, Rodger M.	Grad. Sch	3559 University Street, Montreal	BE 3681
		914 Colborne St., London, Ont.	
Dosne, Christiane	B.Sc. 3	Royal Victoria College, Montreal	MA 9176
		10 McGill Street, Hawkesbury, Ont.	
Dostaler, Alphonse R.	Law 3	5446 Park Avenue, Montreal	DO 2521
Dostaler, J. Paul E.	Law P.	1122 Sherbrooke St. W., Montreal	LA 0734
		Scholasticat de L'Immaculee Conception, Grand'mere, Que.	
Douglas, Denis C.	Eng. 2	3429 Peel Street, Montreal	PL 7385
		2154 Marine Drive, Vancouver, B.C.	
Douglas, Donald E.	B.Sc. 1	3455 St. Famille Street, Montreal	PL 6356
Douglas, H. G.	Theol. 2	3630 Durocher Street, Apt. 44, Montreal	MA 1046
Douglas, Peter H.	B.A. 2	Douglas Hall, Montreal	BE 2885
		"Longfield", Ancaster, Ont.	
Douglas, Robert E.	Med. 3	545 Pine Avenue W., Montreal	MA 1545
		13 Brastow Ave., Somerville, Mass.	
Douglas, Wanda A.	B.Sc. 4	3101 Maplewood Ave., Montreal	EL 9431
Douglass, Jean	B.A. 1	8 Nelson St., Montreal West, Que.	DE 7660
Dow, George E.	Eng. 2	751 Willibrord Avenue, Montreal	YO 1652
Dowbiggin, Ruth H. M.	B.Sc. 1	185 Decelles Street, St. Laurent, Que.	BY 1773
Dowling, Ruth	B.A. 1	4277 Western Avenue, Westmount, Que.	FI 1847
Doyle, Eileen	Grad. Nurse P.	St. Mary's Hospital, Montreal	WA 2771
		Jacquet River, N.B.	
Doyle, James N.	Law 1	42-32nd Avenue, Lachine, Que.	Lach. 534
Draper, Patrick M.	B.A. 3	3581 University Street, Montreal	MA 3842
		166 Clemow Avenue, Ottawa, Ont.	
Drummond, Guy M.	Law 1	3489 Drummond Street, Montreal	PL 6709
Drummond, John W. R.	Eng. 4	576 Lansdowne Avenue, Westmount, Que.	EL 0817
Drysdale, Alpin O.	Eng. 1	599 Victoria Ave., Westmount, Que.	EL 3567
		219 Sunnyside Ave., Ottawa, Ont.	
Drysdale, Margaret E.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		5588 Jeanne Mance St., Montreal.	
Dube, Jean T.	Eng. 1	3480 Durocher Street, Montreal	MA 3485
		174 St. Jacques St., Grand'mere, Que.	
Dube, Lorraine	Grad. Nurse P.	St. Mary's Hospital, Montreal	WA 2771
		122 Lafontaine St., Riviere du Loup, Que.	
DuBois, Adrien S.	B.Sc. 2	271 St. Alexander, Longueuil, Que.	Long. 383–J
Duchastel, Pierre A.	Eng. 4	640 Dunlop Ave., Outremont, Que.	AT 0712
Dudek, Louis	B.A. 3	2360 Bercy Street, Montreal	CH 7259
Duff, Cameron F.	Eng. 2	247 Strathearn Avenue, Montreal West, Que.	DE 8671
Duff, C. Huntly	Eng. 2	316 Kensington Avenue, Westmount, Que.	FI 4973
Duffus, Allan F.	Arch. 5	3437 Peel Street, Montreal	PL 1674
		293 Tower Road, Halifax, N.S.	
Duffy, Thomas L.	Med. 1	428 Sherbrooke Street W., Apt. 25, Montreal	MA 9027
		Perryville Road, Webster, Mass.	
Dufresne, Maurice R.	B.A. 3	342 Sherbrooke St. E., Montreal	LA 5789
Dufty, Donald S.	Med. 1	2366 Clifton Avenue, Montreal	DE 5896
Dugal, Fernand	Eng. 3	6588 C. Columbus St., Montreal	DO 1472
Dumbrille, Colin C.	Eng. 1	4106 Melrose Avenue, Montreal	DE 9522
Duncan, Albert S.	Grad. Sch	Y.M.C.A., 1441 Drummond St., Montreal	MA 4171
		Banff, Alta.	
Duncan, Fred R.	Eng. 2	3653 University Street, Montreal	PL 2073
		318 S. Archibald St., Fort William, Ont.	
Duncan, George F.	Com. 4	487 Argyle Avenue, Westmount, Que.	WE 1058
Duncan, Robert B.	Med. 1	Medical Arts Building, Montreal	
		Gouin Boulevard, Montreal	BY 1829

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Duncan, William R.	Med. 5	1620 St. Antoine Street, Montreal	WI 9242
		2601 Cascadia Ave., Seattle, Wash.	
Duncan, William S.	Theol. 3	3485 McTavish Street, Montreal	PL 1649
		721 Princess St., London, Ont.	
Dundas, Winnifred A.	B.Sc. 2	250 Percival Ave., Montreal West, Que.	DE 7716
Dunfield, Vernon M.	Med. 5	4400 Walkley Avenue, Montreal	DE 8477
		Bayfield, N.B.	
Dunham, Elisabeth W.	B.A. 4	Royal Victoria College, Montreal	MA 9176
		St. Stephen, N.B.	
Dunlap, James A.	Eng. 3	3506 University Street, Montreal	MA 2055
		11147-89th Ave., Edmonton, Alta.	
Dunlop, George L.	Eng. 1	3637 University Street, Montreal	MA 1824
		1960 Lansdowne Road, Victoria, B.C.	
Dunn, Mrs. F. S.	Grad. Sch	Box 14, Noranda, Que	85W
Dunn, Irene M.	B.Sc. 3	4619 Melrose Avenue, Montreal	EL 4774
Dunn, James A.	Agr. 4	Macdonald College, Que.	Ste. A 87
		Pinewood, Farnborough, Hants, Eng.	
Dunn, Nan V.	B.A. 1	3545 Grey Avenue, Montreal	EL 0814
Dunn, Robert W. A.	Com. 4	3605 University Street, Montreal	MA 3101
		181 Gilmour St., Ottawa, Ont.	
Dunn, Russell A.	Eng. 4	2156 Lincoln Avenue, Montreal	WI 0527
Dunn, Shan H.	B.Sc. 1	3592 University Street, Montreal	PL 2435
		1752 Euclid St., Washington, D.C.	
Dunn, Timothy H.	Com. 2	3478 McTavish Street, Montreal	PL 7412
		220 Grande Allee, Quebec City, Que.	
Dunphy, James S.	Eng. 3	3796 Draper Avenue, Montreal	DE 9013
Dupuy, Harry E. G.	Eng. 4	4051 Grey Avenue, Montreal	EL 5824
Duquette, Roland C.	Eng. 2	753 Ste. Catherine Road, Outremont, Que.	AT 1595
Duranceau, James.	Eng. 1	5997 Briand Street, Montreal	
Dussault, Clermont H.	B.Sc. 1	3512 Jeanne Mance Street, Montreal.	
		31 Fraser, Levis, Que.	
Dyas, Elizabeth C.	B.A. 1	3634 Lorne Crescent, Montreal	MA 2902
Dye, Janet R.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Dome Mine, South Porcupine, Ont.	
Dyer, William J.	Grad. Sch	Macdonald College, Que.	Ste. A 87
		Antigonish, N.S.	
Dyke, Katharine B.	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9176
		Blind River, Ont.	
Earle, Marie F.	B.A. 3	515 Clarke Ave., Westmount, Que.	WI 4548
Earling, Howard	Med. 3	Fish Hawk Island, Boothbay Harbour, Me.	
Eastman, James R.	Agr. 3	Macdonald College, Que.	Ste. A 87
		Westboro, Ont.	
Easton, Edmund L.	B.Sc. 1	53 Dobie Avenue, Town of Mount Royal, Que	AT 1603
Eastwood, Gordon K.	Eng. 2	7126 De Lanaudiere St., Montreal	CR 2369
Eastwood, John R.	Eng. 3	7126 De Lanaudiere St., Montreal	CR 2369
Eaton, Lois E.	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		Bathurst, N.B.	
Eaton, Richard	Music	3506 University Street, Montreal	MA 2055
		1216 Rudlin Street, Victoria, B.C.	
Eaves, Arnold K.	Com. 3	5296 Durocher Avenue, Outremont, Que.	CA 1848
Ecclestone, Phyllis A.	Homemaker	Macdonald College, Que.	Ste. A 98
		5606 Phillips Avenue, Montreal.	
Eden, George C.	B.Sc. 1	688 Grosvenor Avenue, Westmount, Que.	EL 4909
Edward, John T.	B.Sc. 3	16 Jasper Avenue, Town of Mount Royal, Que	AT 4156
Eglin, Jack	Dent. 2	3591 St. Urbain St., Apt. 3, Montreal	MA 6462
Eibel, Evelyn	B.Sc. 3	921 Davaar Ave., Outremont, Que.	CA 4616
Eidlow, Bernice	B.A. 1	711 Grosvenor Avenue, Westmount, Que.	WA 3330
Ein, Harry N.	Med. 1	462 Wood Ave., Westmount, Que.	WI 5290
Ein, Henrietta M.	B.A. 3	462 Wood Ave., Westmount, Que.	WI 5290
Eisberg, Harry B.	Med. 3	Douglas Hall, Montreal	BE 2885
		19 Chatham Street, Brantford, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Ekers, Dawn E.	B.A. 2	74 Belvedere Place, Westmount, Que.	FI 4792
Ekers, Diana	Arts P	431 Mount Pleasant Avenue, Westmount, Que.	FI 1065
Elder, Maurice J	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		Whitney St., Massena, N.Y.	
Elgosin, Emid D.	Med. 2	522 Prince Arthur St. W., Montreal.	MA 9759
		2 Main St., Whitefield, N.H.	
Elgosin, Richard B	Med. 3	3529 University Street, Montreal.	MA 8451
		27 Main St., Whitefield, N.H.	
Eliot, Charles G.	Grad. Sch	Douglas Hall, Montreal	BE 2885
		148 Elgin St., Ottawa, Ont.	
Elliott, Robert B.	Eng. 3	4169 Westhill Avenue, Montreal.	EL 7507
Emerson, Ashton	Med. 2	522 Prince Arthur St. W., Montreal.	MA 9759
		64 Sparks St., Cambridge, Mass.	
Emmans, Ross W	Eng. 1	1537 St. Matthew St., Apt. 2, Montreal.	FI 5562
Emory, James V.	Com. 4	690 Grosvenor Avenue, Westmount, Que.	EL 2002
Emslie, Isobel M	B.A. 2	51 Dufferin Road, Hampstead, Que.	DE 1545
Enderby, Amy R.	Homemaker	Macdonald College, Que.	Ste. A 98
		504 Mountain Ave., Westmount, Que.	WE 1881
Enderby, Elaine E.	B.A. 2	504 Mountain Ave., Westmount, Que.	WE 1881
Endler, David	Eng. 3	3895 St. Denis Street, Montreal.	HA 6007
England, Douglas N.	B.Sc. 1	1452 Bishop St., Apt. 33, Monteral.	LA 4468
Enright, William M.	Med. 2	1429 Bishop Street, Montreal	PL 6778
		548 Parker Ave., Barberton, Ohio.	
Epply, Walter G	Med. 1	3559 University Street, Montreal.	BE 3681
		1910 Elm St., Manchester, N.H.	
Ericsson, Francis S	Med. 4	620 Prince Arthur St. W., Montreal.	LA 9489
		429 Hyde Avenue, Ridgway, Penna.	
Escoffery, Charles A.	Grad. Sch	3490 Shuter Street, Montreal	MA 2898
		Royal Bank of Canada, Ciudad Bolivar, Venezuela.	
Esdaile, Robert C	Arch. 1	3450 Melrose Avenue, Montreal.	DE 4702
Estrada, Emilio	Arts P	6931 Sherbrooke St. W., Apt. 6, Montreal.	
		Guatemala City, C.A.	
Estrada, Henry R	Dent. 3	6931 Sherbrooke St. W., Apt. 6, Montreal.	
		Ave. Simon Bolivar No. 182, Guatemala City, C.A.	
Estrada, Roberto L. J	B.Sc. 1	6931 Sherbrooke St. W., Apt. 6, Montreal.	
		Avenida Bolivar, 182, Guatemala City, C.A.	
Etienne, James A.	B.A. 2	111 Dobie Avenue, Town of Mount Royal, Que.	AT 0592
Etziony, Mordecai B.	Med. 5	3892 Rivard Street, Montreal.	HA 0049
Evans, Edward D	B.Sc. 1	772 Sherbrooke Street, Montreal.	PL 1156
		Norfolk, N.Y.	
Evans, Glyn E.	B.A. 3	3506 University Street	MA 2055
Evans, Phyllis A.	B.A. 4	2221 Marcil Avenue, Montreal.	WA 6296
Evans, Ronald M	B.Sc. 3	3506 University Street, Montreal.	MA 2055
		2225 James St., Syracuse, N.Y.	
Evans, Stuart C.	Med. 4	418 Pine Avenue W., Montreal.	PL 2035
		20 Clemow Avenue, Ottawa, Ont.	
Evelyn, Kenneth A.	Med. 5	3506 University Street, Montreal.	MA 2055
		Jamaica, B.W.I.	
Everett, Helen K.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		St. Stephen, N.B.	
Ewen, Marjorie E.	B.A. 1	317 Ballantyne Avenue N., Montreal, West	EL 2472
Eyssen, Robert E.	Med. 2	550 Milton Street, Montreal	LA 7036
		Brunswick, Ohio	
Fainer, Beatrice.	Music	771 Upper Belmont Ave., Montreal.	EL 2990
Fairbairn, Frances M	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		7 Ingleside Ave., Westmount, Que.	
Fairhead, Winnifred C	B.A. 1	120 Lewis Ave., Westmount, Que.	WE 1574

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Fairservice, Joyce E. I	Teachers' (Inter.)	Macdonald College, Que New Richmond Station, Que.	Ste. A 98
Fairweather, Eugene R	B.A. 1	231 Kindersley Avenue, Town of Mount Royal, Que	AT 4892
Falls, Jean B	B.H.S. 2	Macdonald College, Que 342 Champlain St., St. Johns, Que.	Ste. A 98
Faraday, Arthur G	B.A. 1	3485 McTavish Street, Montreal 274 Clarence St., Ottawa, Ont.	PL 1649
Farish, Georgia C	Arts P	22 Anwoth Road, Westmount, Que	WE 5033
Farmer, Eric W	Grad. Sch	c/o Canadian Marconi Co., Town of Mount Royal, Que P.O. Box 135 Ste. Therese de Blainville, Que.	CR 3194
Farmer, Florence A	B.H.S. 3	30 Maple Ave., Ste. Anne de Bellevue, Que.	
Farmer, Janet H	B.A. 3	25-16th Avenue, Lachine, Que	Lach.411-J
Farquharson, Stanley	Eng. 4	842 McEachran Ave., Outremont, Que	CA 6221
Farr, Frank M	Eng. 1	134 Brock Avenue S., Montreal West, Que	DE 9778
Farrell, Desmond	Eng. 3	1321 Sherbrooke St. W., Montreal	MA 8254
Farrell, Hugh S	B.Sc. 3	5590 St. Urbain Street, Montreal	CR 3917
Fauquier, Edward B	B.Sc. 2	3605 University Street, Montreal 66 Cartier St., Ottawa, Ont.	MA 3101
Faurot, Jean H	Arts P	19 Beloeil Ave., Outremont, Que South Center, Kansas.	AT 2945
Fee, Morton E	Eng. 4	3437 Peel Street, Montreal St. Hyacinthe, Que.	PL 1674
Feeny, Harold F	Grad. Sch	534 Prince Arthur St. W., Montreal. 172-44th Ave., Lachine, Que	Lach. 6
Feigelman, Esther	B.A. 3	1240 St. Mark Street, Montreal	WI 1882
Feldman, Mary	B.A. 3	3528 Vendome Avenue, Montreal	DE 9734
Ferguson, Alex J	Grad. Sch	642 Murray Hill, Westmount, Que	FI 8312
Ferguson, David H	Eng. 3	3637 Oxenden Avenue, Montreal 240 Ashland Ave., Winnipeg, Man.	MA 8729
Ferguson, John R	Com. 3	1321 Sherbrooke St. W., Montreal	HA 5322
Ferguson, Mary A	B.H.S. 1	Macdonald College, Que Prescott, Ont. (Box 223).	Ste. A 98
Ferguson, Robert N	Eng. 3	3637 Oxenden Avenue, Montreal 240 Ashland Ave., Winnipeg, Man.	MA 8729
Ferguson, Robert S	Arch. 4	642 Murray Hill, Westmount, Que	FI 8312
Fergusson, John R	B.Sc. 1	159 Springfield Ave., St. Lambert, Que	St. L 1505-R2
Ferman, Jack A	Med. 3	3485 McTavish Street, Montreal 1037 N. Heliotrope Dr., Los Angeles, Calif.	PL 1649
Filion, Joseph M	Com. 2	823 Outremont St., Outremont, Que.	CA 2943
Fillier, Wilfred J. N. A	B.A. 4	3506 University Street, Montreal Englee, Newfoundland.	MA 2055
Finck, Mary	Med. 3	3566 Hutchison St., Montreal 143 Elmer St., Westfield, N.J.	LA 8096
Findley, Douglas	Med. 1	3550 Lorne Ave., Montreal 18 Roxgore Dr., Toronto, Ont.	HA 4689
Findlay, Henry T	B.A. 3	732 Lexington Ave., Westmount, Que	EL 1726
Fineman, Manuel N	B.Sc. 1	2247 Maplewood Ave., Outremont, Que. (Apt. 10)	AT 2754
Finestone, Bernard J	Com. 1	2600 Cote St. Catherine Rd., Montreal	AT 4442
Finkelstein, William E	Med. 1	376 Redfern Ave., Westmount, Que.	FI 2935
Finkle, Philip D	Dent. 4	525 Prince Arthur St. W., Montreal. 191 Reynolds Ave., Providence, R.I., U.S.A.	MA 6649
Fischer, M. Isabel	B.Sc. 3	5745 Jeanne Mance St., Montreal	CR 5111
Fisher, David	B.A. 3	3531 Vendome Ave., Montreal	EL 7763
Fisher, Herbert J	Phys. Ed. 1	265 Mount Royal Ave. W., Montreal 1565 Van Horne Ave., Apt. 9, Outremont, Que.	CR 9615
Fisher, Sydney Mary	B.Sc. 1	56 Belvedere Circle, Montreal	FI 1411
Fisher, William G	Eng. 4	4021-5th St. W., Calgary, Alta.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Fisk, Kenneth L.	Eng. 1	741 Outremont Ave., Outremont, Que.	CR 3693
Fitch, Maxwell	B.Sc. 4	4438 Girouard Ave., Montreal	WA 3780
Fitchett, George W.	Com. 2	731 Wilder Ave., Montreal	DO 3311
Fitzpatrick, James W.	Com. 2	144 Percival Ave., Montreal West, Que.	WA 6735
Flaherty, Margaret R.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		6657 Monkland Ave., Montreal.	
Fletcher, Alice B. G.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		"Brooklands", Lennoxville, Que.	
Fletcher, Donald R.	Eng. 3	2519 Mayfair Ave., Montreal	DE 8967
Fletcher, John C.	Eng. 1	142 Ballantyne Ave., Montreal West, Que.	DE 7815
Fletcher, Jonathan M.	Theol. 2	3485 McTavish St., Montreal	PL 1649
		Ballymena, Ireland.	
Fletcher, Walter E.	B.A. 4	3580 Durocher St., Montreal	MA 5073
		Wallham, Que.	
Flint, Clare M.	B.A. 3	112 Edison Ave., St. Lambert, Que.	St. L 171
Flintoft, Grace C.	B.A. 2	4305 Montrose Ave., Westmount, Que.	WE 5759
Flitton, Ralph J.	B.Sc. 1	4867 Wilson Ave., Montreal	DE 2287
Flood, Francis P.	Med. 5	5872 Park Ave., Montreal	DO 6496
Floud, John Rhys	Eng. 2	20 Thornhill Ave., Westmount, Que.	WE 1065
Flower, George E.	B.A. 2	North Branch, Y.M.C.A.	CR 3554
		1291 Ducharme Ave., Outremont, Que.	
Flynn, Florence M.	B.A. 2	3772 Vendome Ave., Montreal	DE 7892
Flynn, Simon A.	Med. 5	231 Kensington Ave., Westmount, Que.	WE 4487
		142 St. Jerome Ave., Holyoke, Mass.	
Flynn, Stewart T.	Com. 3	3617 St. Denis St., Montreal	LA 1426
Foggo, C. W.	Theol. 3	3506 University St., Montreal	MA 2055
		45 Westminster Bridge Rd., London, Eng.	
Folgert, Emmett J.	Dent. 3	3444 Durocher St., Montreal	MA 3050
		359 Arlington St., Watertown, N.Y.	
Folkins, Hillis O.	Grad. Sch	Durocher St., Montreal	HA 7778
		Millstream, N.B.	
Folkins, John Alderson	Dent. 2	521 Prince Arthur St. W., Montreal	HA 1839
		Stanley, N.B.	
Ford, Mrs. R. H.	Arts P	4242 Wilson Ave., Montreal	DE 5838
Ford. Thomas.	B.A. 2	125 Appin Ave., Mount Royal, Que.	AT 3703
Fordyce, Reid G.	Grad. Sch.	3581 Durocher St., Montreal	HA 7778
		4522 Belmont Ave., Vancouver, B.C.	
Forshaw, Robert P.	Grad. Sch	Macdonald College, Que.	Ste. A 166
		Greenwood, B.C.	
Forsyth, Annabel S.	Arts P	74 Sunnyside Ave., Westmount, Que.	WE 6438
Fortier, Sister Paulette	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal	WA 2771
Foster, Charlotte V.	B.A. 4	Royal Victoria College, Montreal	MA 9176
		Rothesay, N.B.	
Foster, George E.	Med. 5	3546 Shuter St., Montreal	LA 3802
		727 Aberdeen St., Fredericton, N.B.	
Foster, Marion E.	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		2107 Hope St., Calgary, Alta.	
Foster, Norman E.	Med. 5	3483 Peel St., Montreal	LA 0643
		Abernethey, Sask.	
Foster, Perry C.	B.Sc. 1	1441 Drummond St., Montreal	MA 4171
		54 Sunnyside Ave., Pleasantville, N.Y.	
Fournier, Leo Paul	Com. 2	3415 Hutchison St., Montreal	
		326 Girouard St., St. Hyacinthe, Que.	
Fowler, Dorothy E.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		Bloomfield Station, Kings Co., N.B.	
Fowler, Frank O.	Eng. 3	3653 University St., Montreal	PL 2073
		Baldur, Man.	
Fox, Ian M. D.	Eng. 3	3437 Peel St., Montreal	PL 7674
		Hillbank, Vancouver Is., B.C.	
Francis, A. Norton	Arts P	3120 Daulac Rd., Westmount, Que.	FI 9208
Frank, Arthur B.	B.A. 2	5826 Park Ave., Apt. 2, Montreal	CR 9429
Frank, Mark	B.Sc. 4	5344 Clarke St., Montreal	CA 0559

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Frank, Susan E	Teachers' (Inter).	Macdonald College, Que. Kingsbury, Que.	Ste. A 98
Frankton, Clarence	Grad. Sch.	4460 Delorimier Ave., Montreal	AM 4621
Fraser, Alexander M	Med. 5	2101 University St., Montreal. Scotstown, N.S.	
Fraser, David R	B.A. 4	690 Sherbrooke St. W., Montreal 634 Grosvenor Ave., Westmount, Que.	LA 2244 EL 3161
Fraser, Gordon W	B.A. 4	104 Selby St., Westmount, Que.	
Fraser, Murray Y	Theol. 3	3485 McTavish St., Montreal New Glasgow, N.S.	PL 1649
Frasier, Gloria E	B.A. 2	Royal Victoria College, Montreal "The Evergreens", Cookshire, Que.	MA 9176
Frazer, John A. M	B.A. 2	Douglas Hall, Montreal 36 Cedar Drive, Great Neck, N.Y., U.S.A.	BE 2885
Frederick, Fred O	Dent. 1	208 Percival Ave., Montreal West, Que.	DE 8687
Freedman, Regena H	B.A. 1	366 Kensington Ave., Westmount, Que. 932 Niagara Ave., Niagara Falls, N.Y.	FI 8930
Freeman, James M	Theol. 3	2029 Metcalfe St., Apt. 9, Montreal. 1005-13th Ave., Calgary, Alta.	LA 7558
Freeman, John E	B.Sc. 1	Douglas Hall, Montreal Box 40, Iroquois Falls, Ont.	BE 2885
Freeman, Lester W	Dent. 3	525 Prince Arthur St. W., Montreal. 615 West 150 St., New York City N.Y.	MA 6649
French, John K	Eng. 2	456 Pine Ave. W., Apt. 32, Montreal.	MA 3095
Frew, Hubert V	Arts P	4545 Mayfair Ave., Montreal	DE 0619
Freyre Aguilera, Fabio	Com. 1	3555 University St., Montreal Calle 11 y L Vedado, Havana, Cuba.	HA 5664
Fricker, Robert J. A	Eng. 2	3653 University St., Montreal Box 233, Ikana, N. Rhodesia.	PL 2073
Friedlander, John B	B.A. 1	2413 Madison Ave., Montreal	DE 4509
Friedman, Reuben	Med. 1	5440 Waverley St., Montreal	CA 4328
Friedman, Sydney M	Med. 2	5435 Park Ave., Montreal	DO 8523
Friefeld, Saul E	Med. 2	4569 Esplanade Ave., Montreal	
Fromson, Sam	Eng. 4	524 Prince Arthur St. W., Montreal. Red Lake, Ont.	MA 9759
Frost, Hubert M	Med. 1	Douglas Hall, Montreal 1619 King Edward Ave., Vancouver, B.C.	BE 2885
Fry, Mary S	B.A. 1	2991 Cedar Ave., Montreal	WI 4591
Fulford, G. Lloyd	Grad. Sch.	3435 Shuter St., Montreal	HA 0978
Fuller, George E. B	Agr. 4	Macdonald College, Que. Avonport, King's Co., N.S.	Ste. A 87
Fuller, Mary	B.A. 2	2938 Baldwin Ave., Montreal	CL 2069
Fuller, Peter C	Eng. 4	2938 Baldwin Ave., Montreal	CL 2069
Fullerton, Charles W	B.A. 4	3647 University St., Montreal 99 Elm Ave., Rosedale, Toronto, Ont.	MA 2806
Fullerton, Douglas H	Com. 3	4701 Victoria Ave., Westmount, Que.	EL 2187
Fulton, Frances J	B.H.S. 4	Macdonald College, Que. Chesterville, Ont.	Ste. A 98
Fyon, Doreen J	B.A. 1	1819 Van Horne Ave., Outremont, Que.	AT 3831
Gage, Gordon K	Arts P	3653 University St., Montreal 555 Wellington Crescent, Winnipeg, Man.	PL 2073
Gale, Charles G	Com. 3	3434 McTavish St., Montreal 385 Laurier Ave. E., Ottawa, Ont.	PL 6773
Gamble, Greta	Teachers' (Inter.).	Macdonald College, Que. Franklin Centre, Que.	Ste. A 98
Garces Cordoba, Bernardo	B.A. 2	Douglas Hall, Montreal Apartado 12, Cali Colombia, S. Amer.	BE 2885
Garfinkle, Pearl	B.A. 2	3685A City Hall Ave., Montreal	LA 0005
Garfinkle, Sybil Doris	B.A. 1	780 Stuart Ave., Montreal	CA 3901
Garland, Joan	B.Sc. 1	217 Wolseley Ave., Montreal West, Que.	DE 7626

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Garland, Margaret	B.A. 4	217 Wolseley Ave., Montreal West, Que.	DE 7626
Garmaise, Avram H	Com. 2	5279 St. Urbain St., Montreal	DO 1085
Garmaise, Pearl E	B.A. 4	1220 Lajoie Ave., Montreal	CR 1949
Garol, Hugh William	Med. 5	257 Dorchester St. W., Montreal	LA 9855
		454 Vernon St., San Francisco, Cal., U.S.A.	
Garrett, Richard H	Eng. 3	120 Arlington Ave., Westmount, Que.	FI 1443
		1737 Hampshire Rd., Victoria, B.C.	
Gaunt, Marjorie H	B.A. 1	4225 Western Ave., Westmount, Que.	DE 6525
Gauvreau, J. Guy	Com. 3	32 Beloeil Ave., Outremont, Que	CA 7364
Geggie, James H. S	Med. 2	3505 Lorne Ave., Montreal	HA 1385
		Wakefield, Que	
Geiger, Elsbeth M	B.A. 1	861 Wilder Ave., Outremont, Que	CA 4425
Gelber, Paula I	B.A. 4	4266 Old Orchard Ave., Montreal	DE 0646
Geldart, Lloyd P	Grad. Sch	772 Sherbrooke St. W., Montreal	PL 1156
		Victoria Mines, Sydney, N.S.	
Gemmell, Jean N	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		4525 Mariette Ave., Montreal.	
Genest, Marcel E	Agr. P	Macdonald College, Que	Ste. A 87
		723A Outremont Ave., Outremont, Que.	
Gentleman, Reuben G	B.A. 4	Arts Buliding, McGill University	MA 9181 Local 21
George, Edwin	Agr. 1	Macdonald College, Que	Ste. A 87
		Lennoxville, Que.	
George, Jack G	B.Sc. 1	478 Mountain Ave., Westmount, Que.	WE 3550
Gerow, Lynn B	Med. 2	3474 McTavish St., Montreal	LA 7645
		No. 1 Alta Vista, Reno, Nevada, U.S.A.	
Gersovitz, Benjamin	B.Sc. 2	457 Argyle Ave., Westmount, Que.	WE 3379
Giannasio, Frank	Dent. 2	521 Prince Arthur St. W., Montreal.	HA 1839
		4218-104th St., Corona, N.Y., U.S.A.	
Gibb, Mary E	Arts P	656 Roslyn Ave., Westmount, Que.	EL 2469
Gibb, Robertson M	Eng. 2	656 Roslyn Ave., Westmount, Que.	EL 2469
Gibbon, Philip	Eng. 1	29 Perreault Ave., Ste. Anne de Bellevue, Que	Ste. A 157
Giberson, Herbert R	Med. 1	Douglas Hall, Montreal	BE 2885
		Sheet Harbour, N.S.	
Gibson, Frank M	Com. 2	3478 McTavish St., Montreal	PL 7412
		311 Bay St. S., Hamilton, Ont.	
Gibson, Frederic	Med. 1	4197 Marcil Ave., Montreal	DE 0224
Gibsone, Barbara H	B.A. 2	Royal Victoria College, Montreal	MA 9176
		1 des Grisons St., Quebec, Que.	
Gifford, Cuthbert G	B.A. 3	570 Milton St., Montreal	HA 3594
Gifford, Hilda G	Lib. Sch	570 Milton St., Montreal	HA 3594
Gifford, William H	Med. 2	3462 Ste. Famille St., Montreal	HA 1719
		105 Pleasant St., Concord, N.H., U.S.A.	
Gilbert, Fay	B.A. 2	5985 Terrebonne Ave., Montreal	EL 1933
Gilbert, Harold A	Grad. Sch	Macdonald College, Que	Ste. A 87
		191 Florence St., Ottawa, Ont.	
Gilbert, John E	Med. 1	Douglas Hall, Montreal	BE 2885
		40 Choate Road, Hanover, N.H., U.S.A.	
Gilbert, Margaret R	Grad. Sch	3620 Durocher St., Montreal	MA 2734
		Madison, Maine, U.S.A.	
Gillean, Ian	Eng. 2	604 Clarke Ave., Westmount, Que.	WE 5988
Gillespie, Ian A	B.Sc. 1	1420 Pine Ave. W., Montreal	PL 6098
Gillick, John E	Med. 3	495 Prince Arthur St., Montreal	LA 8966
		313 James St., Clayton, N.Y.	
Gillick, William C	Med. 5	495 Prince Arthur St., Montreal	LA 8966
		929 Ferry Ave., Niagara Falls, N.Y.	
Gillies, Norman B	Grad. Sch	3647 University St., Montreal	MA 2806
		Braeside, Ont.	
Gillis, Charles M	Eng. 2	1880 Wellington St., Montreal	FI 1993
Gillis, Stephen D	Med. 2	3558 Lorne Ave., Montreal	MA 3129
		20 Haviland St., Charlottetown, P.E.I.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Gilmore, Ruby D.	Teachers' (Inter.)	Macdonald College, Que. St. Chrysostome, Que.	Ste. A 98
Gilmour, Douglas W.	B.A. 2	3775 Grey Ave., Montreal	EL 1278
Gilmour, Jean E.	Com. 3	2015 University St., Apt. 8, Montreal 75 Park Ave., Quebec, Que.	HA 3535
Giroux, Gerard	Agr. P.	Macdonald College, Que. 5330 Bordeaux St., Montreal.	Ste. A 87
Gladman, Arthur E.	Med. 2	495 Prince Arthur St. W., Montreal. 317 Buffalo St., Fulton, N.Y.	HA 2568
Gladwell, Roy L.	B.Sc. 1	130 King's Road, Valois, Que.	Pte. Cl 532M
Gladwin, John S.	Law 2	3647 University St., Montreal "Strathisla", Pembroke, Bermuda.	MA 2806
Glassco, Hugh S.	Com. 1	Douglas Hall, Montreal 2 Evergreen Place, Winnipeg, Man.	BE 2885
Glen, Alec.	B.Sc. 1	592 Berwick Ave., Town of Mount Royal, Que.	BY 1021
Glover, Kenneth N.	Agr. Dip. 3	Macdonald College, Que. Escuminac, Que	Ste. A 87
Godard, Hugh P.	Grad. Sch.	3556 Ste. Famille St., Montreal 4432 W. 8th Ave., Vancouver, B.C.	LA 7703
Godbout, Adolphe G.	Eng. 1	274 Pine Ave. W., Montreal Saint-George, Beauce, Que.	MA 8893
Godfried, William	Dent. 1	521 Prince Arthur St. W., Montreal. 2510 Webb Ave., Bronx, New York, N.Y.	HA 1839
Godine, Morton R.	B.A. 4	2203 Souvenir Ave., Montreal	WI 0288
Gohier, Roch E.	Eng. 3	1321 Sherbrooke St. W., Montreal.	
Gold, Allen.	B.Sc. 3	622 McEachran Ave., Outremont, Que.	CR 6912
Gold, Frank	Agr. 1	Macdonald College, Que. 1335 Lajoie Ave., Outremont, Que.	Ste. A 87
Gold, Morton.	B.Sc. 2	67 Maplewood, Ave., Outremont, Que.	CA 3637
Gold, Rosalynd	B.A. 3	409 Mount Royal Blvd., Montreal.	DO 9863
Gold, Simon H.	Med. 2	409 Mount Royal Blvd., Montreal.	DO 9863
Goldberg, Simon A.	B.A. 3	74 Prince Arthur St. W., Montreal.	PL 2385
Goldfine, Hadassa	B.A. 1	4250 Sherbrooke St. W., Westmount, Que.	FI 5859
Goldthwaite, Dana D.	Med. 3	373 Prince Arthur St. W., Montreal. Bellevue Rd., Watertown, Mass., U.S.A.	HA 7004
Goldwater, Doris.	B.A. 2	2281 Souvenir Ave., Montreal.	WI 3994
Golfman, Ruth D.	B.H.S. 1	Macdonald College, Que. 5685 Gatineau Ave., Outremont, Que.	Ste. A 98
Goodman, William.	B.A. 1	5424 Jeanne Mance St., Montreal.	CR 7052
Goodrich, Frederick W.	Med. 1	Douglas Hall, Montreal 313 Main St., Catskill, N.Y., U.S.A.	BE 2885
Goodwin, Audrey H.	B.A. 1	Royal Victoria College, Montreal. 119-20 Union Turnpike, Kew Gardens, N.Y., U.S.A.	MA 9176
Gordon, Alec L.	Med. 4	634 Victoria Ave., Westmount, Que.	EL 2760
Gordon, Arthur A.	B.Sc. 2	3506 University St., Montreal Revelstoke, B.C.	MA 2055
Gordon, Donald C.	Dent. 3	3504 Park Ave., Apt. 25, Montreal.	LA 4982
Gordon, Donald L.	Med. 4	1441 Drummond St., Montreal 53 W. Vernor Highway, Detroit, Mich.	MA 4171
Gordon, Jean C.	B.Sc. 1	3071 Trafalgar Ave., Montreal Marigold Farm. Lachute, Que.	FI 0760
Gordon, Katharine H.	B.A. 1	4643 Sherbrooke St., Westmount, Que.	WE 4903
Gordon, Lionel.	Med. 2	4118A Clark St., Montreal	CR 8411
Gordon, Mark E.	Law 1	428 Wood Ave., Westmount, Que.	FI 7341
Gordon, Philip.	Eng. 3	4118A Clark St., Montreal	CR 8411
Gorham, James R.	Agr. 3	Macdonald College, Que. Campbelltown, N.B.	Ste. A 87
Goring, Gilman R.	Eng. 3	781 Davaar Ave., Montreal	DO 4366
Gormley, Eugene G.	Med. 5	2054 Victoria St., Apt. 3, Montreal. Lancaster, N.H., U.S.A.	LA 9615
Goss, G. C. L.	Agr. P	Macdonald College, Que. 415 Sherbrooke St. W., Montreal.	Ste. A 87

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Gottheil, Isadore J.	B.A. 1	1581A Ducharme Ave., Outremont, Que.	CA 9046
Gough, Edmund St. J.	Arts P	6931 Sherbrooke St. W., Apt. 4, Montreal	DE 3049
Gould, Arthur H. G	Med. 1	4113 Sherbrooke St., Westmount, Que.	FI 3133
Gould, Helen P.	Phys. Ed. 2	1469 Drummond St., Montreal	HA 7638
Gould, Jean A. W	B.A. 2	4113 Sherbrooke St., Westmount, Que.	FI 3133
Goulden, Leila	Med. 4	630 Prince Arthur St., Montreal	
Gow, Andrew C.	B.Sc. 1	4258 Royal Ave., Montreal	DE 8536
		Bridgewater, N.S.	
Gow, Kenelm V.	B.Sc. 1	468 Walpole Ave., Town of Mount Royal, Que	BY 0814
Gowdey, C. Wallace	B.A. 2	395 Melville Ave., Westmount, Que.	WE 6441
Grad, Bernard	B.Sc. 1	126 Fairmount Ave., Montreal	CA 4459
Graham, Annie P.	B.Sc. 4	3506 University St., Montreal	MA 1851
Graham, Colin H.	B.Sc. 1	3485 McTavish St., Montreal	PL 1649
		276 Dorion St., Drummondville, Que.	
Graham, Dorothea R	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		Sawyerville, Que.	
Graham, Dorothy E	Com. 2	1015 Sherbrooke St. W., Montreal	MA 4418
Graham. Frances E.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		1007 Joan Crescent, Victoria, B.C.	
Graham, George W.	Med. 1	6273 St. Dominique St., Montreal	CR 0498
Graham, Gerald W	Eng. 2	3506 University St., Montreal	MA 2055
		5 Second Ave., Ottawa, Ont.	
Graham, G. Ann	B.A. 3	4155 Cote des Neiges Road, Montreal	FI 5814
Graham, Kathleen E.	B.A. 4	3160 Daulac Rd., Montreal	FI 4077
Graham, Margaret G	B.A. 2	3160 Daulac Rd., Montreal	FI 4077
Graham, Myrtle	Grad. Nurses	3510 Jeanne Mance St., Montreal	MA 4349
		Foxwarren, Man.	
Graham, Richard J.	Eng. 2	306 Sanford Ave., St. Lambert, Que.	St. L 204
Grande, George K.	B.A. 2	880 Hartland Ave., Outremont, Que.	AT 3962
Granger, Caroline G	B.A. 1	32 Fenwick Ave., Montreal West, Que.	EL 3130
Granger, Harriet H.	B.H.S. 4	Macdonald College ,Que.	Ste. A 98
		32 Fenwick Ave., Montreal, West, Que.	
Grant, Edwin P.	Grad. Sch	Macdonald College, Que.	Ste. A 87
		Hort. Div. Exp. Farm, Ottawa, Ont.	
Grant, William J.	Eng. 2	168C Trenton Ave., Town of Mount Royal, Que	AT 0450
Grassby, James N.	Eng. 3	3618 Oxenden Ave., Montreal	MA 7965
		160 Yale Ave., Winnipeg, Man.	
Gratiot, Charles C.	Med. 4	3468 Shuter St., Montreal	LA 3718
		365 Ocean View Ave., Pacific Grove, Calif.	
Graves, Horace B.	B.A. 4	3485 McTavish St., Montreal	PL 1649
		137 Gordon St., Moncton, N.B.	
Gray, Alan W.	Med. 4	418 Pine Ave., Apt. 37, Montreal	MA 1037
		421 Roehampton Rd., Hillsborough, Calif.	
Gray, Elizabeth S.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		61 Main St., Saint John, N.B.	
Gray, Jacqueline R.	B.A. 1	Royal Victoria College, Montreal	MA 9176
		943 Cherokee Rd., Louisville, Kentucky.	
Gray, Leon I. R.	Eng. 2	1052 Prud'homme Ave., Montreal	DE 1068
Gray, Richard H.	Grad. Sch	495 Prince Arthur St., Apt. 26, Montreal	LA 3331
		70 Cromarty St., Sydney, N.S.	
Grearson, Emory T.	Com. 1	4388 Draper Ave., Montreal	EL 9602
Greaves, Gordon K.	B.A. 1	508 Victoria Ave., Westmount, Que.	EL 9108
Green, Ivan J.	Agr. 3	Macdonald College, Que.	Ste. A 87
		Deer Lake, Newfoundland.	
Green, Jean	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		Deer Lake, Newfoundland.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Greenhalgh, Joan R.	B.H.S. 2.	Macdonald College, Que.	Ste. A 98
		1669 Blvd. St. Louis, Three Rivers, Que.	
Greenwood, Jack L.	B.Sc. 4.	3831 Marlowe Ave., Montreal	DE 8066
Greenwood, Sydney H. J.	Grad. Sch.	5101 Western Ave., Montreal	WA 3892
Gregory, Mary F. R.	B.A. 4.	4081 Highland Ave., Montreal	FI 1700
Gregory, Peter G.	B.Sc. 1.	4081 Highland Ave., Montreal	FI 1700
Gregory, Rhoda E.	Phys. Ed. 2.	Royal Victoria College, Montreal	MA 9176
		1367 West 47th Ave., Vancouver, B.C.	
Greig, Edmund W.	Grad. Sch.	3541 Lorne Ave., Montreal	
		615 Eastlake Ave., Saskatoon, Sask.	
Grenfell, Rosamond L.	B.A. 3.	Royal Victoria College, Montreal	MA 9176
		Charlotte, Vermont, U.S.A.	
Gribbins, Gordon H.	Eng. 4.	1441 Drummond St., Montreal	MA 4171
		661 Ashburn St., Winnipeg, Man.	
Griesbach, Robert J.	B.Sc. 1.	522 Victoria Ave., Westmount, Que.	EL 3004
Griffin, Nancy B.	B.A. 2.	Royal Victoria College, Montreal	MA 9176
		17 Rochambeau Rd., Scarsdale, N.Y.	
Griffin, Shirley E.	Agr. 4.	Macdonald College, Que.	Ste. A 87
		1336 Devonshire Crescent, Vancouver, B.C.	
Griffis, Margaret E.	B.H.S. 2.	Macdonald College, Que.	Ste. A 98
		34 Delaware Ave., Toronto, Ont.	
Griffith, Algernon N.	Med. 2.	772 Sherbrooke St. W., Montreal	PL 1156
		73 West 116 Street, New York City, N.Y.	
Griffith, Charles B.	Dent. 4.	3504 Park Ave., Montreal	
		Westport, N.Y., U.S.A.	
Griffiths, George H. R.	Grad. Sch.	1441 Drummond St., Montreal	MA 4171
		212 Forest Ave., West Kildonan, Man.	Local 1142
Griffiths, Henry J.	Grad. Sch.	Macdonald College, Que.	Ste. A 85
		Berwick, N.S.	
Grimmer, Roy D.	Med. 3.	418 Prince Arthur St. W., Montreal.	HA 4906
		15 St. Pauls Pl., Hampstead, N.Y.	
Grinstein, Lorne.	B.A. 1.	5658 Park Ave., Montreal	CR 4864
Grisdale, Clarence J. M.	Med. 2.	545 Pine Ave. W., Montreal	MA 1545
		c/o Imperial Bank, Kirkland Lake. Ont.	
Gross, Anne	Law 2.	2 Northcote Rd., Hampstead, Que.	DE 9553
Gross, Clarence R.	Law 2.	2 Northcote Rd., Hampstead, Que.	DE 9553
Gross, Jack.	B.Sc. 1.	2 Northcote Rd., Montreal	DE 9553
Grossman, Arnold A.	Med. 4.	510 Wiseman Ave., Outremont, Que.	DO 1925
Grothe, Paul E.	Eng. 2.	560 Rockland Ave., Outremont, Que.	CA 7994
Grover, Leah	Com. 3.	321 Querbes Ave., Outremont, Que.	CR 7816
Grubert, Margaret T.	Arts P.	5355 Durocher Ave., Outremont, Que.	CR 2746
Gruman, Jack S.	B.A. 3.	1051 St. Viateur St. W., Montreal	CR 4395
Guadagni, Neri P.	B.A. 4.	3716 Jeanne Mance St., Montreal	HA 5580
Guest, Gordon H.	Grad. Sch.	Box 193, Macdonald College, Que.	Ste. A 37
Guignard, Doris E.	B.A. 3.	134 Ballantyne Ave., Montreal West, Que.	DE 3188
		27 Sunset Blvd., Ottawa, Ont.	
Guillemette, Victorin.	Arts P.	271 St. Louis Square, Montreal	HA 7777
Gurd, Charles S.	B.Sc. 4.	615 Clark Ave., Westmount, Que.	WE 2068
Gurd, Fraser N.	Med. 4.	3180 Westmount, Blvd., Westmount, Que.	WI 6303
Gurd, Katharine.	B.A. 2.	3180 Westmount Blvd., Westmount, Que.	WI 6303
Gurd, Mary B.	B.A. 2.	1558 McGregor St., Montreal	FI 9706
Gurnham, Charles W.	Com. 2.	Douglas Hall, Montreal	BE 2885
		43 Gault St., Valleyfield, Que.	
Gurnham, Margaret E.	B.A. 4.	5811 Notre Dame de Grace Ave., Montreal	DE 0922
Gustafson, Karl Eric.	Eng. 2.	1448 Mackay St., Montreal	WI 6576
Hackett, Julia.	B.A. 1.	1305 Redpath Crescent, Montreal	LA 5607
Hackley, Roger W.	Med. 4.	631 Prince Arthur St., Apt. 2, Montreal	LA 4529
		70 Lincolnshire Drive, Oakland, Calif.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Hackney, John W	Med. 4	517 Pine Ave. W., Montreal	MA 6958
		3835-6th St. West, Calgary, Alta.	
Hagen, Victor J	B.Sc. 2	5366 Snowdon Ave., Montreal	EL 3972
Haggart, Adelaide E	Grad. Nurses	Royal Victoria Hospital, Montreal	PL 1251
		Parry Sound, Ont.	
Hagmeier, Betty	Music	Royal Victoria College, Montreal	PL 1251
		"Waldheim", Preston, Ont.	
Haines, Stanley B	B.A. 4	4507 Girouard Ave., Apt. 1, Montreal	WA 3741
Hale, Patricia M	B.A. 3	3193 Westmount Blvd., Westmount, Que.	FI 6548
Haley, Edgar R	Med. 4	Douglas Hall, Montreal	BE 2885
		407-15th St., Santa Monica, Calif.	
Hall, Charles E	B.Sc. 1	4601 Rosedale Ave., Montreal	DE 9071
Hall, George B. A	Grad. Sch	101 Percival Ave., Montreal West, Que.	EL 4129
Hall, James D	Eng. 4	3581 University St., Montreal	MA 3842
		Noranda, Que.	
Hall, John H	Eng. 3	2559 de la Salle Ave., Montreal	CL 8624
Hall, Phyllis H	B.A. 1	Royal Victoria College, Montreal	MA 9176
		109 Warren Rd., Toronto, Ont.	
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Hancock, George R	Med. 4	3483 Peel St., Montreal	LA 0643
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Hancock, Marion Kathryn	B.A. 4	Royal Victoria College, Montreal	MA 9176
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Hankin, Leonora F	B.A. 4	648 Murray Hill, Westmount, Que.	WE 6442
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		22 Albion St., Melrose, Mass.	
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Hanratta, Eugene J	Med. 3	1022 Sherbrooke St. W., Montreal	
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Harder, Allan H	Eng. 3	3618 Oxenden Ave., Montreal	MA 7965
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		Where two addresses are given, the second is the home address	
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Harrington, Janet	Music	24 Ramezay Road, Montreal	FI 7729
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Harris, Reginald H	B.A. 2	2322 Hampton Ave., Montreal	EL 0643
Harris, Robert D	B.Sc. 2	475 Prince Arthur St., Montreal. Asbestos, Que.	
Harrison, D. B	Theol. 3	3473 University St., Montreal	MA 4902
Harrison, James S	Med. 2	414 West 120 St., New York City, N.Y.	
Harrison, Margaret E	B.A. 1	348 Kensington Ave., Westmount, Que.	WI 1033
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Hartman, George R	B.A. 4	3473 University St., Montreal 22 Catherine St., St. Catharines, Ont.	MA 4902
Hartwick, Elbert F	Eng. 4	1441 Drummond St., Montreal Overbrook, Ont.	MA 4171
Harvey, Glen W	Med. 2	3505 Lorne Ave., Montreal 858 South 33rd St., Lincoln, Nebraska, U.S.A.	HA 1385
Harvey, Robert F	Dent. 1	4007 Dorchester St., Westmount, Que.	FI 7244
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Hastings, Wade A	Med. 1	3490 Shuter St., Montreal Shady Hill Farm, Brushton, N.Y.	MA 2898
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Hawkins, Walter L	Grad. Sch	1184 Crescent St., Montreal 1905-15th St. N.W., Washington, D.C.	LA 7455
Hay, Hugh B	Med. 3	2054 Mansfield St., Montreal Edmundston, N.B.	LA 5528
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Hay, L. Hamilton	B.Sc. 4	Chateauguay Heights, Que.	
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Hemmett, Gordon M	Med. 5	629 Prince Arthur St., Montreal 29 Coolidge Ave., Glens Falls, N.Y.	PL 2011
Hemsley, S. D	Grad. Sch	308 Fairmont Ave., Ottawa, Ont.	
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Hendelman, Myer	Med. 2	508 Bloomfield Ave., Outremont, Que.	CR 3050
Henderson, Arthur A. M	B.Sc. 1	5156 Earnscliffe Ave., Montreal	WA 4036
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Henry, Eleanor M.	Grad. Sch	4373 Westmount Ave., Westmount, Que.	WE 6863
Henry, Elizabeth B.	B.A. 3	4373 Westmount Ave., Westmount, Que.	WE 6863
Henry, Helen P.	B.A. 3	4373 Westmount Ave., Westmount, Que.	WE 6863
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		59 Quebec St., Sherbrooke, Que.	
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		59 Quebec St., Sherbrooke, Que.	
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Hilborn, Helen J	B.A. 4	Royal Victoria College, Montreal	MA 9177
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Hill, Kathleen M.	B.A. 2	2061 Marlowe Ave., Montreal	EL 8969
Hill, Kenneth	B.A. 4	142 Union Blvd., St. Lambert, Que.	St. L 758-F
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Hilton, James H. B.	Med. 5	1441 Drummond St., Montreal	MA 4171
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Howells, William C.	Grad. Sch	1459 McKay St., Apt. 6, Montreal 10819-80th Ave. S., Edmonton, Alta.	
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Hutchinson, Thomas J	Arts P	3506 University St., Montreal	MA 2055
Hutchison, Frances E	B.A. 3	26 Aberdeen Ave., Westmount, Que.	WE 3078
Hutchison, George A	Med. 3	1817 St. Luke St., Montreal	FI 6224
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Irving, Emily R	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
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Isakson, Gabriel	B.Sc. 1	3783 Girouard Ave., Montreal	WA 3538
Issenman, Arnold J	B.A. 4	756 Stuart Ave., Montreal	CA 6541
Ivall, Margaret L. V	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
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Jacobs, Pearl	Grad. Sch	3495 Vendome Ave., Montreal	EL 7657
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Johannsen, Robert Smith	B.Sc. 3	1440 Crescent St., Apt. 3, Montreal	LA 6860
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Johnson, Margaret E	B.A. 1	751 Hartland Ave., Outremont, Que.	AT 4049
Johnson, Marion H	Arts P	662 Belmont Ave., Westmount, Que.	WE 2556
Johnson, Raymond R. W	B.Sc. 1	2070 Mansfield St., Montreal Homond, Bonne Bay, Nfld.	LA 3960
Johnson, Thomas F	Dent. 2	631 Milton St., Montreal 337 West 138-3D, New York City, N.Y.	LA 8757
Johnson, Walter A	B.A. 2	3066 Trafalgar Ave., Westmount, Que	FI 2975
Johnston, Alfred C	Com. 1	479 Strathcona Ave., Westmount, Que	WE 3734
Johnston, Charles F	B.A. 2	754 Upper Lansdowne Ave., Westmount, Que	EL 4515
Johnston, James S	Eng. 3	343 Clarke, Ave. Westmount, Que. 20799 Lakeshore Rd., Baie d'Urfe, Que.	
Johnston, Malcolm G	Com. 1	32 Anwoth Rd., Westmount, Que.	WE 3482
Johnston, Roderick R	B.A. 2	3448 Stanley St., Montreal	HA 9722
Johnston, Ruth M	Homemaker	Macdonald College, Que 1081 Caledonia Rd., Town of Mount Royal, Que.	Ste. A 98
Johnston, Mrs. S. C. H	B.H.S. 4	Macdonald College, Que 353 Brock Ave., Montreal West, Que.	Ste. A 98
Johnston, Wilfred J	Dent. 4	73 Wolseley Ave., Montreal West, Que	EL 6279
Johnston, William D	B.Sc. 2	772 Sherbrooke St. W., Montreal 45 London St., Sherbrooke, Que.	PL 1156
Johnstone, William C	B.Sc. 1	772 Sherbrooke St. W., Montreal 158 Spencer Ave., Lynbrook, N.Y.	PL 1156
Jones, Amelia E	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal 94 Michael St., Quebec, Que.	WA 2771
Jones, Arnold F	Med. 2	Queen's Hotel, Montreal Burtt's Corner, N.B.	MA 5701

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Jones, Catherine L. H.	B.A. 3	Royal Victoria College, Montreal 654 Rideau Crescent, Ottawa, Ont.	MA 9176
Jones, Edward L	Eng. 1	Douglas Hall, Montreal 1716-25A St. W., Calgary, Alta.	BE 2885
Jones, Elaine N	B.Sc. 2	Royal Victoria College, Montreal c/o the Dominion Bank, Calgary, Alta.	MA 9176
Jones, Eleanor I	Grad. Sch	Royal Victoria College, Montreal Bedford, Que.	MA 9176
Jones, E. Enid	B.A. 1	471 Prince Arthur St., Montreal 3475 Van Horne Ave., Apt. 12, Montreal.	MA 8208
Jones, Evan F. D	Eng. 3	1019 Sherbrooke St. W., Montreal 1 Graham St., Copper Cliff, Ont.	PL 6875
Jones, George H	B.Sc. 1	Douglas Hall, Montreal Bedford, Que.	BE 2885
Jones, Margaret	Grad. Sch	515 N. Lowell St., Ironwood, Mich.	
Jones, Mayo	B.A. 3	Royal Victoria College, Montreal Boardman-Canfield Rd., R.F.D. No. 4, Youngstown, Ohio.	MA 9176
Jones, Robert J	Eng. 1	171 De Castelnau St., Montreal	CA 3710
Jones, Stuart P	Eng. 4	47 Strathearn Ave., Montreal West, Que.	DE 4689
Jones, Thomas J	Dent. 3	3504 Park Ave., Montreal 4 Auburn St., Woburn, Mass.	
Jones, William J	Arts P	3474 Hutchison St., Montreal	PL 7418
Joron, Guy E.	Med. 1	464 Elm Ave., Westmount, Que.	FI 7839
Jotcham, Thomas D.	B.Sc. 1	4168 Oxford Ave., Montreal	DE 9032
Judson, Victor J	Dent. 4	821 Prince Arthur St. W., Montreal. 22 Saunders St., Lawrence, Mass.	HA 1839
Julia, Juan F	Med. 2	185 Sherbrooke St. E., Montreal Santiago, Dominican Republic, W.I.	HA 8318
Kahne, Harold M	Med. 1	1519A Ducharme Ave., Outremont, Que.	DO 6102
Kalfas, Arthur	Dent. 1	3597 St. Urbain St., Montreal	LA 6577
Kallighan, William Bernard	Dent. 2	495 Prince Arthur St. W., Montreal. 104 Summit St., Batavia, N.Y.	PL 3537 LA 8073
Kane, Patricia R	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal Gaston Apts., Queen Mary Road, Montreal.	WA 2771
Kane, Redmond John	Eng. 1	653 Grosvenor Ave., Westmount, Que.	WA 6065
Kaneb, George	Eng. 2	Douglas Hall, Montreal 136 Fourth St., Cornwall, Ont.	BE 2885
Kaneb, Nicholas	Com. 1	1441 Drummond St., Montreal 136 Fourth St., Cornwall, Ont.	MA 4171
Kapp, C. Hege	Med. 5	3558 Lorne Ave., Apt. 3, Montreal 640 Holly Ave., Winston-Salem, N.C.	MA 5129
Karn, Gordon M	B.Sc. 1	4251 Hampton Ave., Montreal	DE 8395
Karp, Adele A. E	B.Sc. 1	6708 St. Lawrence Blvd., Montreal	CA 3168
Katz, Arnold H	Med. 3	3635 Lorne Crescent, Montreal 64 Driveway, Ottawa, Ont.	LA 3531
Katz, Eli J	Med. 5	4699 Jeanne Mance St., Montreal	HA 0593
Kaufman, Hyman	B.Sc. 1	84 St. Louis St., Lachine, Que.	Lachine 684
Kaufman, Nathan	Med. 1	84 St. Louis St., Lachine, Que.	Lachine 684
Kaufmann, Margaret B	B.A. 3	3449 Grey Ave., Montreal	DE 4781
Kay, Bruce E. A	Eng. 4	1390 Sherbrooke St., Apt. 16, Montreal	HA 2464
Kayser, James N.	Eng. 4	3592 University St., Montreal 317 Claremont Ave., Mt. Vernon, N.Y.	PL 2435
Keay, Dorothy M	B.A. 2	900 Sherbrooke St. W., Montreal	
Keay, James J. T	B.A. 1	4439 Rosedale Ave., Montreal	DE 7144
Kee, Kenneth W	Med. 1	545 Pine Ave. W., Montreal Cambridge, Neb., U.S.A.	MA 1545
Keefer, Edward B. C	B.Sc. 3	1535 Summerhill Ave., Montreal	FI 1590
Keefer, Ralph	Com. 2	1535 Summerhill Ave., Montreal	FI 1590
Keefer, William H.	Com. 2	4323 Western Ave., Westmount, Que.	FI 1436

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Kelen, Andrew	B.Sc. 3	3533 Park Ave., Montreal	LA 7547
Kelley, Harry J	B.Sc. 1	3581 University St., Montreal	MA 3842
		Bay View St., Sydney, N.S.	
Kellier, Harold E	Agr. 4	Macdonald College, Que	Ste. A 87
		Springfield, King's Co., N.S.	
Kellog, Mercy P	B.A. 2	Royal Victoria College, Montreal	MA 9176
		184 Sullivan St., New York City.	
Kelly, Ignatius	Arts P	3880 Cote des Neiges Rd., Montreal	FI 2964
		4135 N. Haven, Toledo, Ohio.	
Kelly, James O	Eng. 2	4109 Northcliffe Ave., Montreal	DE 9566
Kelly, John C	Dent. 1	Douglas Hall, Montreal	BE 2885
		14 Battery St., Plattsburg, N.Y.	
Kelly, Joseph C	Med. 5	2054 Victoria St., Montreal	LA 9615
		415 Lafayette St., Ogdensburg, N.Y.	
Kemball, Alfred W	Grad. Sch	695 Beatty Ave., Montreal	YO 5316
		Timmins, Ont.	
Kember, Barbara P	Com. 3	1462 Athlone Rd., Town of Mount Royal, Que	AT 3791
Kemble, Edward E	Med. 5	231 Kensington Ave., Westmount, Que	WE 4487
		146 West 9th St., Erie, Pa.	
Kemp, John P. G	Eng. 1	70 Forden Avenue, Westmount, Que.	WE 4581
Kennedy, Andrew H	B.Sc. 2	432 Grosvenor Ave., Westmount, Que	EL 7068
Kennedy, D. Keith	Com. 3	1700 MacGregor St., Montreal	FI 3611
Kennedy, John D	Com. 2	3581 University St., Montreal	MA 3842
		27 Barber Ave., Guelph, Ont.	
Kennedy, Judith	Grad. Sch	3584 Shuter St., Montreal	
Kennedy, Sylvia P	Music	274 Pine Ave. W., Montreal	MA 8893
		Hampton, Kings Co., N.B.	
Kennedy, Taylor J	Eng. 4	4026 Tupper St., Westmount, Que.	FI 7132
Kenny, Robert A	Eng. 3	3637 University St., Montreal	MA 1824
		Buckingham, Que.	
Kenst, Richard J	Eng. 3	3575 Jeanne Mance St., Montreal	PL 7650
		325-7th St., Saskatoon, Sask.	
Kent, Gordon Neville	Eng. 4	564 Lansdowne Ave., Westmount, Que	EL 0625
Keohan, Margaret H	B.A. 1	4091 Hingston Ave., Montreal	EL 1590
Ker, John A	Com. 1	Douglas Hall, Montreal	BE 2885
		3857 Granville St., Vancouver, B.C.	
Kerr, Ashton L	Med. 2	4765 St. Catherine St. E., Montreal.	CL 0529
Kerr, Douglas L	B.A. 2	501 Victoria Ave., Westmount, Que.	EL 7772
Kerr, Muriel E	B.A. 1	3925 Claude St., Verdun, Que	FI 3487
Kerr, Thomas F	B.Sc. 1	315 Dresden Ave., Town of Mount Royal	AT 4984
Kerry, Esther W	Grad. Sch	1374 Sherbrooke St. W., Montreal.	PL 4305
Kert, Morley J	Med. 3	Douglas Hall, Montreal	BE 2885
		47 Goulburn Ave., Ottawa, Ont.	
Ketterson, Jane I	B.A. 1	3652 Northcliffe Ave., Montreal	EL 0917
Kettleborough, Edward G	B.A. 4	3473 University St., Montreal	MA 4902
Kettles, John S	B.A. 4	3505 Lorne Ave., Montreal	HA 1385
		77 Aberdeen St., Eastview, Ont.	
Keyes, Ayton G	Com. 2	3581 University St., Montreal	MA 3842
		9 Monkland Ave., Ottawa, Ont.	
Keyfitz, Israel M	Eng. 1	3454 Addington Ave., Montreal	DE 2205
Kibbe, Doris E	Grad. Sch	62 Davis Ave., Rockville, Conn.	
Kierans, Thomas W	Eng. 3	3502 Northcliffe Ave., Montreal	WA 5889
Killam, Frederick M	Eng. 1	Douglas Hall, Montreal	BE 2885
		Weymouth, N.S.	
Kilroy, Dan O	Med. 4	706 Osborne Ave., Verdun, Que	
		629 East Main St., Turlock, Calif.	
Kimball, Arthur S	Med. 4	1620 Sherbrooke St. W., Montreal.	FI 6541
		196 Capital Ave., N.E. Battle Creek, Mich.	
Kimball, Dorothy M	Arts P	3471 Rosemount Blvd., Rosemount, Que	CL 0148
Kimmerley, Ralph J	B.A. 1	29 Ballantyne Ave. S., Montreal West, Que	DE 7727
King, Dorothy H	Grad. Nurses	3429 St Famille St., Montreal	PL 6807
		Liberty, Sask.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
King, Gilbert H	Grad. Sch	5209 Sherbrooke St. W., Montreal Waterloo, Que.	EL 9884
King, J. Harris	Med. 5	3483 Peel St., Montreal Broad Cove, B.D.V., Nfld.	LA 0643
King, Marjorie T	Arts P	655 Murray Hill, Westmount, Que.	WE 2145
King, Thomas E	Grad. Sch	6695 Sherbrooke St. W., Apt. 34, Montreal	
Kinghorn, Nora	B.A. 1	Royal Victoria College, Montreal 14 Church St., Saranac Lake, N.Y.	MA 9176
Kingston, David T	Med. 1	Moira, N.Y.	
Kinnear, Donald R	Eng. 4	3853 Draper Ave., Montreal 209 Strathallan Blvd., Toronto 12, Ont.	DE 8863
Kinzer, Ethel M	B.H.S. 3	Macdonald College, Que 6116 Terrebonne St., Montreal.	Ste. A 98
Kirby, J. C	Theol. 2	3473 University St., Montreal Pouch Cove, Nfld.	MA 4902
Kirby, Joan R	Homemaker	Macdonald College, Que Hawkesbury, Ont.	Ste. A 98
Kirk, George E	Med. 5	457 Sherbrooke St., Apt. 3, Mont- real 56 High Service Ave., No. Provi- dence, R.I.	LA 5051
Kirkbride, Donald	Eng. 2	4429 Melrose Ave., Montreal	WA 5132
Kirkbride, Roy A	Arts P	4429 Melrose Ave., Montreal	WA 5132
Kirkpatrick, John G	B.Sc. 3	561 Roslyn Ave., Westmount, Que.	DE 5890
Kirsch, Archie	Med. 2	12 Windsor Ave., Westmount, Que.	DE 3298
Kirschberg, Leo S	Med. 4	372 Roslyn Ave., Westmount, Que.	DE 5970
Kisilevsky, Arthur	Eng. 1	4071 St. Urbain St., Montreal	LA 9672
Kissane, Monroe M	Med. 2	3559 University St., Montreal Malone, N.Y.	
Kneeland, Isobel E	B.A. 2	104 Arlington Ave., Westmount, Que	WE 1935
Kneeland, Norman J	B.A. 4	685 Beatty Ave., Verdun, Que	YO 1668
Kneeland, Scott F	Teachers' (Inter.)	Macdonald College, Que Ste. Anne de Bellevue, Que.	Ste. A 87
Knox, Margaret A	B.A. 1	3228 Cedar Ave., Westmount, Que.	FI 6742
Kobayashi, Betty	B.A. 2	2053 Decarie Blvd., Apt. 2, Mont- real	WA 3371
Kobernick, David R	B.A. 3	383 Edward Charles St., Montreal	DO 5181
Kobernick, Sidney D	B.Sc. 2	1503 Ducharme Ave., Outremont, Que	CA 5291
Koessler, Horace H	Med. 5	406 Pine Ave., Montreal Seeley Lake, Montana.	LA 3067
Kohl, G. Gordon P	B.A. 1	3434 McTavish St., Montreal 24 Gladwin St., Guelph, Ont.	PL 6773
Korenberg, Morton M	Med. 4	5491 St. Urbain St., Montreal	CR 2887
Korenberg, Sol	Eng. 3	5491 St. Urbain St., Montreal	CR 2887
Kositsky, Nathan	B.Sc. 2	5325 Hutchison St., Apt. 3, Mont- real	CR 8978
Kosnar, V. George	Eng. 4	3589 Jeanne Mance St., Montreal 216-32nd St. W., Saskatoon, Sask.	HA 8716
Krauser, Webb G	B.A. 4	764 Upper Belmont Ave., West- mount, Que	EL 3627
Kravitz, Henry	B.A. 2	4241 Esplanade Ave., Montreal	LA 7446
Kunin, Kalman C	B.Sc. 2	4594 Decarie Blvd., Apt. 11, Mont- real	EL 9090
Kydd, Dorothy M	B.A. 2	4158 Hampton Ave., Montreal	EL 7513
Kydd, Helen M	B.A. 3	4158 Hampton Ave., Montreal 466 Maclaren St., Ottawa, Ont.	EL 7513
Kydd, W. M	Agr. 2	Macdonald College, Que 3643 St. Urbain St., Montreal.	Ste. A 87
Labonte, Eleanor B	Teachers' (Inter.)	Macdonald College, Que 18 Warner Ave., East Angus, Que.	Ste. A 98
Lachance, Rene O	Grad. Sch	Macdonald College, Que 73 St. Paul St., Quebec, Que.	Ste. A 87
Lacroix, Marie A	Grad. Nurses	8461 Drolet St., Montreal	PL 6111
Laing, Catherine I	Homemaker	Macdonald College, Que 75 Albert St., Waterloo, Ont.	Ste. A 98
Laing, W. R. Vardy	Med. 2	4570 Hampton Ave., Montreal	EL 9895
Laing, William A. R	B.A. 4	44 Windsor Ave., Westmount, Que.	DE 3401

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Laird, Margaret H.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
Lake, John F.	Med. 5	3568 Shuter St., Apt. 4, Montreal.... 2255 Lockbourne Rd., Columbus, Ohio.	
Lamarre, Oscar	Eng. 1	5253 Saranac Ave., Montreal	EL 2214
Lamb, Arthur B.	B.Sc. 2	3484 University St., Montreal..... 233 Ste. Annes Rd., Ste. Anne de Bellevue, Que.	Ste. A 18
Lamb, F. Margaret	B.A. 3	3025 Sherbrooke St. W., Montreal.. Stanstead, Que.	FI 6680
Lamb, Hugh	Eng. 2	415 Aqueduct St., Montreal.....	
Lamb, Roland T	Dent. 3	Ste. Anne de Bellevue, Que.	Ste. A 18
Lamb, Ruston B.	Law 1	3025 Sherbrooke St. W., Montreal.. Stanstead, Que.	FI 6680
Lamb, Ruth B.	B.A. 1	3025 Sherbrooke St. W., Montreal.. Stanstead, Que.	FI 6680
Lambert, Robert	Agr. P	Macdonald College, Que. 132 St. Catherine St., Grand'Mere, Que.	Ste. A 87
Lamond, Harrison L.	Arts P	3485 McTavish St., Montreal 8 Millmont St., Roxbury, Mass.	PL 1649
Lamont, Thomas	B.A. 3 Theol. 2	3485 McTavish St., Montreal Bellymena, Ireland.	PL 1649
Lancaster, Evelyn A.	B.A. 4	Royal Victoria College, Montreal 135 Summer Ave., Reading, Mass.	MA 9177
Lane, Charles M	Med. 3	3511 Shuter St., Apt. 4, Montreal.	LA 4023
Lanfranchi, James L.	B.A. 1	966 Cathedral St., Montreal	HA 5324
Langevin, Wilfrid N	Com. 2	6876 Iberville St., Montreal	CR 4082
Langley, John G.	Eng. 3	3605 University St., Montreal 239 Burnham St., Peterboro, Ont.	MA 3101
Langston, Henry T.	Arch. 4	60 Sunnyside Ave., Westmount, Que.	WE 4619
Laniel, Maurice C.	B.Sc. 1	1449 Metcalfe St., Montreal..... Rimouski, Que.	
Lapin, Hannah	B.A. 2	3497 Girouard Ave., Montreal	WA 4339
Lapin, Irving	B.Sc. 3	3497 Girouard Ave., Montreal	WA 4339
Lapin, Lyon	Med. 1	5176 Park Ave., Montreal	CR 8358
Lapointe, Roland E.	Med. 5	St. Luc Hospital, 1058 St. Denis St., Montreal 358 Wilson St., Manchester, N.H.	HA 9121
Lapolla, Raymond R.	Dent. 3	525 Prince Arthur St., Montreal 38 Roanoke St., Providence, R.I.	MA 6649
Laporte, Walter J	Eng. 1	2156 Mt. Royal Ave. E., Apt. 15, Montreal	AM 7342
Lareau, Jules	Com. 1	451 Strathcona Ave., Westmount, Que.	WE 3929
Larkin, Donald F.	Med. 3	3555 University St., Montreal 4 West Street, Waterville, Maine.	HA 5664
Lathe, Dorothy I.	Phys. Ed. 2	Royal Victoria College, Montreal 180 Cartier St., Ottawa, Ont.	MA 9177
Lathe, Grant Henry	Med. 5	2029 Metcalfe St., Apt. 9, Montreal. 180 Cartier St., Ottawa, Ont.	LA 7558
Latour, Jean Paul A.	Med. 2	3497 Walkley Ave., Montreal	WA 8563
Latsky, Lois N.	B.H.S. 1	Macdonald College, Que. 455 Claremont Ave., Westmount, Que.	Ste. A 98
Latter, Marjorie B.	Arts P	3548 Vendome Ave., Montreal	DE 0134
Laurie, Anna M.	Homemaker	Macdonald College, Que. 2 College Court, Quebec, Que.	Ste. A 98
Lavoie, Louis E.	Com. 1	4717 Upper Roslyn Ave., Montreal..	EL 3103
Lawrence, William D.	Eng. 2	1441 Drummond St., Montreal St. Eustache sur le Lac, Que.	MA 4171
Laws, H. Wyatt	Med. 2	1 Weredale Park, Westmount, Que..	WI 7485
Lawson, Joseph V.	Agr. 1	Macdonald College, Que. 1 Kent Ave., Ste. Anne de Bellevue, Que.	Ste. A 87
Lawson, Kathleen	B.A. 2	1675 Lincoln Ave., Montreal 294 London Rd., Sarnia, Ont.	WI 6957
Lawson, Vernon L.	B.Sc. 1	2056 Aylmer St., Montreal	HA 3891
Leacock, Stephen L.	B.A. 2	Mount Royal Hotel, Montreal.....	
Lead, Harry D.	Grad. Sch	4979 St. Catherine St. E., Montreal..	CL 1926
Learmouth, Allen K.	Agr. 1	Macdonald College, Que. Inverness, Que.	Ste. A 87

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Leathem, Moira G.	B.A. 2	2054 Sherbrooke St., Montreal	FI 0762
Leavitt, Julius	B.A. 3	1155 Van Horne Ave., Montreal	CA 0902
Leblanc, Raymond F.	Eng. 3	371 W. St. Joseph Blvd., Montreal	DO 8620
Lebrun, Joseph G.	Med. 5	Hopital St. Luc, 1058 St. Denis St., Montreal	HA 9121
		10302 St. Charles St., Montreal.	
Lecavalier, Jean Marie	Arts P	135 Notre Dame St., Lachine, Que.	Lachine 214J or W
LeCouvie, Mabel	Homemaker	Macdonald College, Que	Ste. A 98
		117 Aberdeen Ave., Quebec, Que.	
Lee, Wilson J.	B.A. 4	2286 Clifton Ave., Montreal	EL 9145
Lefebvre, George G.	B.A. 1	3543 Lorne Ave., Montreal	MA 6507
		Huntingdon, Que.	
Lefebvre, Jeanne-Lucille	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		38 Third St., St. Lambert, Que.	
Lefort, Jean	Law 2	4053 Lacombe St., Montreal	WA 4345
LeGallais, Margaret L.	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		Shigawake, Bona. Co., Que.	
Leger, Francis J.	Grad. Sch	880 Rockland Ave., Outremont, Que.	CA 4535
Legge, Enid T.	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		811 Notre Dame St., Three Rivers, Que.	
LeGrow, W. R.	Theol. 2	3506 University St., Montreal	MA 2055
		Pouch Cove, Nfld.	
LeMaistre, Edward B. A.	Eng. 2	1441 Drummond St., Montreal	MA 4171
		112 Bryce St., Winnipeg, Man.	
Lemander, William C.	Dent. 1	Douglas Hall, Montreal	BE 2885
		664 Mystic Valley, Parkway, West Medford, Mass.	
Lemieux, Edmond A.	Com. 3	1511 Closse St., Apt. 5, Montreal	WI 7601
		123 Nepean St., Ottawa, Ont.	
Lendon, Stella K.	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		136 Desmarchais Blvd., Verdun, Que.	
Lennon, Sister Mary G.	Grad. Sch		
		Rosary College, River Forest, Ill.	
Lennox, Robert H.	B.Sc. 2	1655 Bennett Ave., Montreal	CL 0236
Leonard, Carl J	B.A. 3	1589 Hotel de Ville, Montreal	
Leonard, Hugh A.	B.Sc. 1	3498 Walkley Ave., Montreal	DE 7696
LePage, Winnifred V.	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		Bougainville P.O., Gaspe Co., Que.	
Lerman, Samuel	B.Sc. 3	4614 Clark St., Montreal	MA 5060
LeRoux, George G.	Eng. 2	94 Dufferin Rd., Hampstead, Que.	EL 7051
Leroy, Cecil S.	Com. 4	1531 Bishop St., Montreal	HA 5823
		St. Eugene, Ont., R.R. No. 1.	
Leslie, Forrester W	B.A. 3	2156 Sherbrooke St. W., Montreal	WE 5801
Leslie, James St. J.	Eng. 1	3506 University St., Montreal	MA 2055
		Kenloch, Inverness Co., N.S.	
Leslie, Percy G.	Com. 1	4309 Montrose Ave., Westmount, Que.	WE 3127
L'Esperance, Helene L.	B.A. 1	35 Spring Grove Cr., Montreal	CA 7602
Leung, Solomon W.	B.A. 4	761 Burnside Place, Montreal	MA 6637
		1803 Blanchard St., Victoria, B.C.	
Levenson, David	Music	4129 Esplanade Ave., Montreal	PL 7339
		379 Chandler St., Worcester, Mass.	
Leveridge, Leo L.	Med 3	3443 Durocher St., Montreal	HA 5078
		607 Fifth Ave., New York City.	
Levin, Arthur	Law 3	610 Belmont Ave., Westmount, Que.	WE 2847
Levin, Herman	Med. 5	4039 Tupper St., Westmount, Que.	FI 9641
		610 Belmont Ave., Westmount, Que.	
Levine, Bernice	B.A. 1	667 Stuart Ave., Montreal	CA 4457
Levine, Lillian	Grad. Nurses	2229 Maplewood Ave., Outremont, Que.	AT 1913
		Trout Lake Inn., Ste. Agathe des Monts, Que.	
Levine, Robert M.	B.Sc. 3	4326 Sherbrooke St., Westmount, Que.	FI 9270
Levine, Sylvia M.	B.H.S. 3	Macdonald College, Que	Ste. A 98
		266 Northumberland St., Frederic-ton, N.B.	
Levites, Ella S.	B.A. 3	4583 Jeanne Mance St., Montreal	HA 3974
Levitt, Bella	B.A. 3	4226 St. Urbain St., Montreal	LA 5838

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Levy, Isobel J	B.A. 1	606 Victoria Ave., Westmount, Que.	EL 2467
Levy, George E	Grad. Sch	2685 Wellington St., Montreal	WI 5374
		Curry's Corner, N.S.	
Lewis, David J	B.A. 1	31 Ramezay Rd., Westmount, Que.	FI 4110
Lewis, Ross A	B.A. 4	72 Pine Ave., St. Lambert, Que.	St. L 755W
Lieff, Morris	Grad. Sch	3635 Lorne Cr., Montreal	LA 3531
		55 Daly Ave., Ottawa, Ont.	
Light, Grace	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		440 Magdalen St., Montreal.	
Light, Wolfe	B.Sc. 4	4425 Girouard Ave., Montreal	DE 6729
Lilley, George W.	Med. 5	231 Kensington Ave., Westmount, Que.	WE 4487
		703 Edgemont Ave., Chester, Pa.	
Lim Yuen, David M	Med. 3	668 Lagauchetiere St. W., Montreal.	LA 0310
		Box 784, Vernon, B.C.	
Lincoln, Florence V.	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		1921-10 A St. W., Calgary, Alta.	
Lindabury, Elinore	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		1455 West 14th Ave., Vancouver, B.C.	
Lindley, Harry	B.A. 4	3506 University St., Montreal	MA 2055
		Wakefield, Yks., England.	
Lindop, Raymond W.	B.Sc. 1	92 Merton Ave., St. Lambert, Que.	St. L 1279
Lindsay, Alison L.	B.A. 3	4112 Wilson Ave., Montreal	
Lindsay, D. Lorne	Eng. 1	48 Arlington Ave., Westmount, Que.	WE 1886
Lindsay, Gerald A. E	B.Sc. 1	520 Grosvenor Ave., Westmount, Que.	DE 4714
Lindsey, Philip C.	B.Sc. 1	534 Clarke Ave., Westmount, Que.	WE 3119
Lippert, Gerard	Arts P	3610 Hutchison St., Montreal	MA 5537
		42 College St., Kitchener, Ont.	
Lipton, Charles	Arts P	774 Rockland Ave., Outremont, Que.	CA 3795
Little, Patrick C.	B.A. 2	3419 Stanley St., Montreal	PL 1312
Litvack, Jack	B.Sc. 3	143 Laurier St. W., Montreal	
Livesey, Colin	Med. 1	3506 University Street, Montreal	
		698 Lowell Street, Lawrence, Mass., U.S.A.	
Livingstone, Constance A.	B.Sc. 1	2151 Lincoln Avenue, Montreal	WI 2203
Livingstone, Stella	B.A. 1	6187 Terrebonne Avenue, Montreal.	DE 8797
Lloyd-Smith, Donald L.	Med. 1	692 Victoria Ave., Westmount, Que.	EL 2860
Lochhead, Herbert H.	B.Sc. 1	309 Brock Ave. N., Montreal West, Que.	DE 7127
Lochhead, Stuart G	Eng. 4	6876 Sherbrooke St. W., Apt. 22, Montreal	DE 1576
Locke, John C.	B.Sc. 3	121 Aberdeen Ave., Westmount, Que.	WE 5168
Lockerby, Lloyd K.	Agri. Dip.	Macdonald College, Que.	Ste. A 87
		Hamilton, P.E.I.	
Lockhart, Robert F.	Eng. 4	4164 Beaconsfield Ave., Montreal	DE 6920
Lockwood, Thomas M	B.A. 4	602 Cote St. Antoine Road, Westmount, Que.	DE 1908
Logan, Vaughn S.	Grad. Sch	Macdonald College, Que.	Ste. A 87
		113 Melrose Avenue, Ottawa, Ont.	
Lombard, Olive M.	Arts P	Royal Victoria College, Montreal	MA 9176
		47 Charlotte Road, Newton Center, Mass.	
Long, Charles E.	Arts P	3547 University St., Montreal	LA 0789
		Imperial Hotel, Cripple Creek, Colo.	
Long, Harold D.	Agr. P	Macdonald College, Que.	Ste. A 87
		Marysville, N.B.	
Long, Harry V.	Eng. 2	1926 Lincoln Avenue, Montreal	WI 3636
		c/o Royal Bank of Canada, Cristobal, Canal Zone.	
Long, Richard C.	Med. 2	3766 Wilson Avenue, Montreal	DE 8665
Look, Ernestine	B.A. 1	Royal Victoria College, Montreal	MA 9176
		115 Main St., Andover, Mass., U.S.A.	
Lorrain, Paul	Eng. 2	3501 Shuter St., Montreal	LA 8062
		66 Stewart St., Ottawa, Ont.	
Lortie, L. Pauline	B.A. 4	4346 West Hill Avenue, Montreal.	DE 1477
Lott, Bruce D.	Med. 1	Douglas Hall, Montreal	BE 2885
		1502½ Main St., Endicott, N.Y.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Louthood, Reginald D	B.A. 2	538 Grosvenor Ave., Westmount, Que.	DE 7370
Love, Lennox A	Com. 3	6673 Chambord Street, Montreal	DO 4969
Love, Robert C. B	Com. 4	6673 Chambord Street, Montreal	DO 4969
Lovelace, Arthur B	Grad. Sch	3506 University St., Montreal	MA 2055
	Theol. 3	Greenspond, B. Bay, Nfld.	
Lovell, Edwin Lister	Grad. Sch	1619 Lincoln Ave., Apt. 6, Montreal.	
Lowden, Betty H	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		1519 St. Mark St., Montreal.	
Lunam, James B	Med. 3	772 Sherbrooke St. W., Montreal	PL 1156
		Campbellton, N.B.	
Lund, Paul K	Med. 3	2054 Mansfield St., Montreal	LA 5528
Lundberg, Edythe R	B.A. 3	Royal Victoria College, Montreal	MA 9176
		33 School St., Hillsboro, N.H.	
Lundie, Arthur R	Agr. 2	Macdonald College, Que.	Ste. A 87
		23 Gordon St., Moncton, N.B.	
Lundon, Margaret K	B.A. 1	1501 Crescent Street, Montreal	PL 7528
Lundon, Robert E	Eng. 1	1501 Crescent Street, Montreal	PL 7528
Lupu, Sylvia G	B.A. 1	1325 Lajoie Ave., Outremont, Que.	CA 5847
Luterman, David	Com. 4	3858 De Bullion St., Montreal	
Lyman, Faith R	Homemaker	Macdonald College, Que.	Ste. A 98
		1369 Redpath Crescent, Montreal.	
Lyman, Francis S	B.A. 3	1369 Redpath Crescent, Montreal	PL 4512
Lyman, Sydney I	B.A. 3	3482 McTavish St., Montreal	PL 2906
Lyons, Marjorie A	B.A. 2	457 Mount Pleasant Ave., Westmount, Que.	FI 6133
Lynch, D'Arcy T	Law 2	418 Claremont Ave., Montreal	EL 7696
		60 Moore St., Sherbrooke, Que.	
Lynch, E. Donald	Med. 4	495 Prince Arthur St., Apt. 20, Montreal	LA 8966
		1212 W. Yakima Avenue, Yakima, Wash.	
Lynch, John B	Med. 5	495 Prince Arthur St., Apt. 19, Montreal	MA 9769
		109 Charlotte St., Sydney, N.S.	
Lynch, Marion E	Grad. Nurses P.	3830 Lacombe Avenue, Montreal	WA 2771
		603 Beaverbrook Street, Fredericton, N.B.	
Lynn, Williamina C	B.A. 3	Royal Victoria College, Montreal	MA 9176
		McMasterville, Que.	
Lyon, Harry T	Med. 4	1441 Drummond St., Montreal	MA 4171
		Ames & Harris, Santa Maria, Calif.	
Lyons, John C	Eng. 2	457 Mount Pleasant Ave., Westmount, Que.	FI 6133
Lyons, Marjorie A	B.A. 2	457 Mount Pleasant Ave., Westmount, Que.	FI 6133
Lyster, Alison M	B.A. 1	485 Strathcona Ave., Westmount, Que.	WI 6981
Lyster, Jessie H	Homemaker	Macdonald College, Que.	Ste. A 87
		South Durham, Que.	
Lyster, Lynden L	Agr. 4	Macdonald College, Que.	Ste. A 89
		South Durham, Que.	
Lyster, Walter A	Com. 4	446 Cherrier Street, Montreal	HA 3557
Lytle, D. Patricia	B.A. 2	84 Percival Ave., Montreal West, Que.	EL 9048
Lytle, Phyllis J	Grad. Nurses 1.	421 Prince Arthur St. W., Montreal	MA 3087
		Ellershouse, Hants Co., N.S.	
MacAdam, Burna A	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		3737 Hutchison St., Apt. 4, Montreal.	
MacAllister, Colin R	Agr. 1	Macdonald College, Que.	Ste. A 89
		Lennoxville, Que.	
McAllister, John C	B.Sc. 2	11630 Notre Dame St. E., Montreal	P.A.T.294
McAllister, Leslie D	Phys. Ed. 1	3547 University St., Montreal	LA 0789
		Mundare, Alta.	
McAllister, Mavis R	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		3440 Marcil Avenue, Montreal.	
McAllister, William R	B.A. 1	11630 Notre Dame St. E., Pte. aux Trembles, Que.	P.A.T.294
MacArthur, Campbell	Med. 5	3420 Hutchison St., Apt. 6, Montreal	HA 5677
		653 McMillan Ave., Winnipeg, Man.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Macartney, Ernest L.	Agr. 4	Macdonald College, Que. R.R. 2, Ramsayville, Ont.	Ste. A 87
Macaulay, Jean K.	Homemaker	Macdonald College, Que. 200 Princess St., Saint John, N.B.	Ste. A 98
Macaulay, Kathleen M.	B.A. 1	17 Renfrew Ave., Westmount, Que.	WE 3510
Macaulay, Ruperta C.	B.A. 1	598 Grosvenor Ave., Westmount, Que.	EL 5061
McCabe, J. R.	Grad. Sch	University of Vienna.	
McCaffrey, Audrey E.	B.H.S. 2	Macdonald College, Que. Box 224, Princeton, B.C.	Ste. A 98
McCague, Ned J.	Med. 3	3542 Lorne Ave., Apt. 7, Montreal. 504-12th Ave., Munhall, Pa.	MA 6825
McCaig, Dorothy G.	B.A. 3	Royal Victoria College, Montreal. 3009 Montcalm Crescent, Calgary, Alta.	MA 9176
McCall, George R.	Med. 4	4040 Gage Rd., Montreal	FI 6915
McCall, Mrs. M. Frances	Arts P	4040 Gage Rd., Montreal	FI 6915
MacCallum, Donald C.	Eng. 4	464 Argyle Ave., Westmount, Que.	WE 1585
McCallum, John A.	Arts P	1441 Drummond St., Montreal Thetford Mines, Que.	MA 4171
MacCallum, Peter M.	Eng. 3	332 Chester Ave., Town of Mount Royal, Que.	BY 0089
McCallum, Reside	Eng. 3	1804 St. Catherine St. W., Montreal	FI 6913
McCallum, Victor I.	Eng. 3	1441 Drummond St., Montreal Thetford Mines, Que.	MA 4171
McCarthy, Joseph L.	Grad. Sch	3443 Durocher St., Montreal 1028 W. 10th Ave., Spokane, Wash.	HA 5078
McCarthy, Marie	Arts P	15 Hinton Ave., Montreal East Que.	P.A.T. 130
McCarthy, William E.	Eng. 1	7549 St. Lawrence Blvd., Montreal.	CA 9561
McClintock, Donald J.	Teachers' (Inter.)	Macdonald College, Que. Ormstown, Que.	Ste. A 87
McClintock, Lloyd A.	B.A. 1	7010 Sherbrooke St. W., Montreal. Isle Maligne, Que.	DE 8450
McConnell, Russell H.	Com. 3	59 Prospect St., Montreal	WI 1749
McCooey, James F.	Med. 1	2047 Union Ave., Montreal 3 Maple St., Dover, N.H.	HA 8894
McCorkle, James K.	Med. 3	545 Pine Ave. W., Montreal 38 the Uplands, Berkeley, Calif.	MA 1545
McCormack, Ilene V.	Grad. Nurses	Shriners' Hospital, Cedar Ave., Montreal St. Hilaire, Que.	PL 4464
McCormick, Eleanor	Grad. Sch	Macdonald College, Que. 1031 Richmond St., London, Ont.	Ste. A 98
McCoubrey, James A.	Grad. Sch	3515 Lorne Ave., Montreal 226 Balliol St., Toronto, Ont.	MA 8249
McCoy, Edwin C.	Med. 4	548 Prince Arthur St. W., Montreal. Huntingdon, Que.	MA 7845
McCrimmon, Mary E.	B.A. 3	Royal Victoria College, Montreal. Farley Place, St. Thomas, Ont.	MA 9177
McCrory, Elizabeth B.	B A. 1	Royal Victoria College, Montreal. 3940 Cote des Neiges Rd., Apt. B44, Montreal	MA 9176 FI 7253
McCully, Eloise B.	B.A. 3	Royal Victoria College, Montreal. 11 Libby St., Pittsfield, Me.	MA 9176
McCusker, W. D.	Med. 5	St. Mary's Hospital, Lacombe Ave., Montreal 14 Person Court, Bismarck, N.D.	WA 2771
MacDermot, Betsy J.	B.A. 2	Box 1913, 18 Dufferin Ave., Ste. Rose, Que.	Ste. R 42
McDonald, Angus A.	Eng. 3	3490 Shuter St., Montreal Dalhousie Station, Que., Box 41.	MA 2898
MacDonald, B. Jean	B.A. 3	3853 Draper Ave., Montreal	DE 8863
Macdonald, Barbara V.	B.H.S. 1	Macdonald College, Que. 66 John St., Moncton, N.B.	Ste. A 98
MacDonald, Cecilia A.	Lib. Sch	300 Sherbrooke St. W., Montreal. Marlborough Woods, Halifax, N.S.	HA 8002
Macdonald, Charles C.	Med. 2	5563-3rd Ave., Rosemount, Que.	
McDonald, Cyril P.	Grad. Sch	3501 Durocher St., Montreal	MA 1879
MacDonald, Donald R.	Agr. 3	Macdonald College, Que. Bay View, Pictou Co., N.S.	Ste. A 87

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
McDonald, Douglas M	Grad. Sch	3466 University St., Montreal	MA 9181
		418-62nd St., Brooklyn, N.Y.	Local 56
McDonald, Duncan J	Agr. 2	Macdonald College, Que	Ste. A 87
		Box 41, R.R. 1, Dalhousie, Que.	
MacDonald, Edwin G	Theol. 2	3485 McTavish St., Montreal	PL 1649
		New Glasgow, N.S.	
McDonald, Elizabeth J	B.H.S. 2	Macdonald College, Que	Ste. A 98
		Chatham, N.B.	
McDonald, Elizabeth M	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Alger Court, Bronxville, N.Y.	
McDonald, George C	B.A. 1	18 Edgehill Rd., Westmount, Que.	WE 2446
McDonald, Jack	Arts P	1441 Drummond St., Montreal	MA 4171
		Smith's Falls, Ont.	
McDonald, John H	Law 2	690 Sherbrooke St. W., Montreal	LA 2244
		18 Edgehill Rd., Westmount, Que.	WE 2446
Macdonald, Katherine C	B.Sc. 3	456 Argyle Ave., Westmount, Que.	WE 1743
McDonald, Margaret L	B.A. 4	2058 Metcalfe St., Montreal	LA 1701
		Valleyfield, Que.	
MacDonald, Margaret J	Grad. Nurses	3419 Hutchison St., Apt. 1, Montreal	HA 7388
		Box 238, Pictou, N.S.	
McDonald, Martina	Grad. Nurses	421 Prince Arthur St. W., Montreal.	MA 3087
		New Waterford, Cape Breton, N.S.	
Macdonald, Michael R	Med. 5	St. Mary's Hospital, Lacombe Ave., Montreal	WA 2771
		Beech St., Sydney Mines, N.S.	
MacDonald, Murray V	Grad. Sch	1441 Drummond St., Montreal	MA 8331
		120 Oriole Parkway, Apt. 108, Toronto, Ont.	
Macdonald, William K	B.A. 3	3581 University St., Montreal	MA 3842
		20 Mountain St., Granby, Que.	
McDougall, Colin M	B.A. 2	3507 University St., Montreal	LA 8404
MacDougall, Diana M	Arts P	3534 Ontario Ave., Montreal	PL 6772
McDougall, Errol K	Law 2	3507 University St., Montreal	LA 8404
McDougall, Lawrence G	B.A. 3	1528 Pine Ave. W., Montreal	FI 9550
McDougall, Margaret P	Arts P	3045 Cedar Ave., Montreal	FI 9764
McDougall, Ruth	Arts P	1595 MacGregor St., Montreal	FI 1630
MacDuff, Robert	Teachers' (Inter.)	Macdonald College, Que	Ste. A 87
		Ste. Anne de Bellevue, Que.	
McDunnough, William R	Eng. 2	3592 University St., Montreal	PL 2435
		308 Ste. Cyrille St., Quebec, Que.	
McEndy, Daniel P	Med. 3	Douglas Hall, Montreal	BE 2885
		Linwood, Mass.	
McEntyre, John G	Law 3	4101 Sherbrooke St. W., Montreal.	FI 9035
McEntyre, Peter	Com. 3	4101 Sherbrooke St. W., Montreal.	FI 9035
McEwen, Agnes	B.H.S. 4	Macdonald College, Que	Ste. A 98
		St. Louis de Gonzague, Que.	
McFadden, Hugh N	B.Sc. 2	3555 University St., Montreal	HA 5664
		21 Chestnut St., Worcester, Mass.	
McFarlane, Arthur H	B.A. 3	3580 Durocher St., Montreal	MA 5073
		Huntingdon, Que.	
Macfarlane, Mary E	B.H.S. 1	Macdonald College, Que	Ste. A 89
		178 Powell Ave., Ottawa, Ont.	
McFarlane, Paul A	B.A. 1	637 Sydenham Ave., Westmount, Que.	WE 4266
McFarlane, Sheila E. E	B.A. 4	686 Rockland Ave., Outremont, Que.	CA 4147
Macfie, Margaret H	B.A. 3	1171 Hope Ave., Montreal	WI 6051
Macfie, Murray G	B.A. 3	1171 Hope Ave., Montreal	WI 6051
McGarry, Eleanor E	Arts P	4022 Grey Ave., Montreal	EL 3289
McGee, Dennis J	Com. 3	43 Parkside Ave., Montreal West, Que.	DE 9015
McGibbon, Gordon A	Eng. 1	718 Hartland Ave., Outremont, Que.	AT 1969
McGibbon, James E	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		27 McGill St., Hawkesbury, Ont.	
McGibbon, Robert L	B.A. 4	718 Hartland Ave., Outremont, Que.	AT 1969
McGovern, John E	Med. 5	4005 Dorchester St., Westmount, Que.	FI 8434
McGowan, Gerald H	B.A. 1	1642 Lincoln Ave., Montreal	
MacGowan, William H	Eng. 3	6515 Cote St. Luc Road, Montreal.	DE 0225
MacGregor, Laurence G	Law 3	111 Brock Ave. N., Montreal West, Que.	DE 8508
MacGregor, William W	Med. 3	545 Pine Ave. West, Montreal	MA 1545
		6025 Hillegass Ave., Oakland, Calif.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacGuire, Hugh C	B.Sc. 1	3506 University St., Montreal	MA 2055
		201 Norman Bridge Road, Montgomery, Alta.	
McHardy, Edna G	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		Athelstan, Que.	
McIlhone, Robert F	Com. 1	780 Rockland, Ave., Outremont, Que	DO 8118
McInerney, John F	Med. 4	409 Prince Arthur St. W., Montreal	PL 5395
		243 Charlotte St., Saint John, N.B.	
McInnes, Margaret J	Phys. Ed. 1	266 Lansdowne Ave., Apt. 6, Westmount, Que	
MacInnes, Thomas R. L. M	Eng. 2	3501 Lorne Ave., Montreal	MA 2706
		273 Stewart St., Ottawa, Ont.	
MacIntosh, Audrie O	B.Sc. 3	4378 Western Ave., Apt. G, Westmount, Que	WI 1869
McIntosh, Robert L	Grad. Sch	2058 Metcalfe St., Apt. 5, Montreal	LA 2023
		137 Maple Ave., Shawinigan Falls, Que.	
MacIver, Beatrice A	B.A. 3	167-17th Ave., Lachine, Que	
MacIver, Iver D	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Hunter's Mountain, N.S.	
MacIver, Roderick D	Agr. 2	Macdonald College, Que	Ste. A 87
		Gould, Que.	
McJannet, John K	Com. 1	4937 Earnscliffe Ave., Montreal	DE 6409
McKay, Arthur F	Grad. Sch	3583 Hutchison St., Montreal	HA 9524
		13 Main Street, Truro, N.S.	
MacKay, Elizabeth N	Med. 3	4375 Montrose Ave., Westmount, Que	WE 6806
McKay, Kenneth G	B.Sc. 4	790 Lansdowne, Ave., Westmount, Que	EL 4525
MacKay, Norman A	Eng. 4	3506 University St., Montreal	MA 2055
		43 Rigby Road, Sydney, N.S.	
Mackay, William R	Com. 1	3434 McTavish St., Montreal	PL 6773
		Rothesay, N.B.	
McKechnie, John K	Eng. 3	3615 University St., Montreal	HA 9322
McKee, Gerald W	B.A. 3	4416 Marquette Ave., Montreal	AM 1587
Mackeen, John L. G	B.A. 3	128 Wicksteed Ave., Mount Royal, Que	AT 1307
MacKendrick, Marion E	Homemaker	Macdonald College, Que	Ste. A 98
		11 Orange St., Saint John, N.B.	
McKenna, Harold E	Dent. 2	521 Prince Arthur St. W., Montreal	HA 1839
		163 London St., Sherbrooke, Que.	
McKenna, Mary P	Grad. Nurses P.	St. Mary's Hospital, Montreal	WA 2771
		2350 Hampton Ave., Montreal.	
McKenna, Phyllis A	B.A. 4	4498 Cote des Neiges Road, Montreal	WE 2505
McKenna, Richard D	Med. 5	331 Clarke Ave., Westmount, Que.	FI 8382
MacKenzie, Anne L	B.H.S. 2	Macdonald College, Que	Ste. A 98
		1085 Clifton Ave., Moose Jaw, Sask.	
Mackenzie, A. Mary D	B.A. 3	4235 Marcil Avenue, Montreal	DE 7324
		2142 Rae St., Regina, Sask.	
McKenzie, Bertha D	B.H.S. 3	Macdonald College, Que	Ste. A 98
		Loggieville, N.B.	
McKenzie, Charles A	B.Sc. 1	113-34th Ave., Lachine, Que	Lachine 1113
MacKenzie, Donald	Agr. 4	Macdonald College, Que	Ste. A 87
		Box 254, Bridgewater, N.S.	
McKenzie, Donald W	Eng. 3	3618 Oxenden Ave., Montreal	MA 7965
		Boissevain, Man.	
Mackenzie, Eleanor R	Med. 4	637 Milton St., Montreal	LA 8594
		R.R. No. 3, Sarnia, Ont.	
Mackenzie, F. Douglas	Med. 2	3491 McTavish St., Montreal	MA 9716
Mackenzie, H. Isabel H	Music	3491 McTavish St., Montreal	MA 9716
MacKenzie, Helen S	Arts P	4473 Harvard Ave., Montreal	EL 2926
Mackenzie, Kenneth R	Med. 5	1524 Bishop St., Apt. 2, Montreal	PL 3747
Mackenzie, Malcolm B	Arts P	3131 Cedar Ave., Montreal	FI 2876
Mackenzie, Percival Molson	Arts P	3425 Redpath St., Montreal	PL 1938
McKenzie, Robert B	Med. 3	3609 University Street, Montreal	MA 4300
		Loggieville, N.B.	
MacKenzie, Robert D	Com. 1	637 Milton St., Apt. 2, Montreal	LA 8594
		R.R. No. 3, Sarnia, Ont.	
MacKimmie, John C	Teachers' (Inter.)	Macdonald College, Que	Ste. A 87
		R.R. No. 5, Lachute, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacKimmie, Robert D	Eng. 4	620 Murray Hill Ave., Westmount, Que.	WE 3009
MacKinnon, Francis P. T	B.A. 1	Douglas Hall, Montreal	BE 2885
		61 Grafton St., Charlottetown, P.E.I.	
MacKinnon, Wallace	B.A. 3	3485 McTavish St., Montreal	PL 1649
		Maxville, Ont., R.R. No. 1.	
McLachlan, F. Elsie	B.A. 1	3781 Lacombe Ave., Montreal	EL 6378
MacLachlan, Dugald E	Phys. Ed. 2	3506 University St., Montreal	MA 2055
		Trochu, Alta.	
McLaren, Alastair	Eng. 1	3506 University St., Montreal	MA 2055
		21 Price St., Kenogami, Que.	
McLaren, David K	Med. 1	456 Pine Ave. West, Montreal	MA 5148
		504 Dovercourt Road, Toronto, Ont.	
McLaren, Marion E	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		Box 67, Ormstown, Que.	
MacLatchy, Frances C	B.A. 1	4867 Sherbrooke St. W., Montreal	DE 9081
McLaughlin, John G	Com. 3	629 Davaar Ave., Outremont, Que.	CA 6852
McLaughlin, William F	Med. 3	2054 Mansfield St., Montreal	LA 5528
		266 Blodget St., Manchester, N.H.	
MacLean, Allison O	Theol. 2	3485 McTavish St., Montreal	PL 1649
	Arts P	Scotsburn, N.S.	
McLean, Charles	Theol. 3	3508A Park Avenue, Montreal	
		Oxford, N.S.	
McLean, Donald B	Com. 1	708 Grosvenor Ave., Westmount, Que.	EL 0425
McLean, Eric D	B.A. 1	161 Percival Ave., Montreal West, Que.	DE 8017
Maclean, Kenneth F	Med. 4	545 Pine Ave. W., Montreal	MA 1545
		Hotel Riverside, Reno, Nevada.	
McLean, Rhoda J	B.H.S. 2	Macdonald College, Que	Ste. A 98
		R.R. No. 1, Prescott, Ont.	
MacLean, Robert U	Grad. Sch	3485 McTavish St., Montreal	PL 1649
		Hemmingford, Que.	
McLeish, Beatrice	Music	4259 Hampton Avenue, Montreal	DE 7262
McLelan, Gerald W	Med. 2	1477 Sherbrooke St. W., Montreal	WI 7606
		Oxford, N.S.	
MacLennan, Charles G	Agr. 2	Macdonald College, Que	Ste. A 87
		Scotstown, Que.	
MacLennan, Louise I	Grad. Sch	495 Prince Arthur St. W., Montreal	HA 2568
McLeod, Alexander W	B.A. 2	611 Victoria Ave., Westmount, Que.	EL 1551
MacLeod, Angus A	B.A. 1	4216 Western Ave., Westmount, Que.	WI 6677
MacLeod, Annie C	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		Box 65, Scotstown, Que.	
McLeod, Donald C	B.Sc. 1	32 Shorncliffe Ave., Westmount, Que.	EL 2325
McLeod, Frances	B.Sc. 1	656 Belmont Avenue, Westmount, Que.	WE 2360
McLeod, James G	Med. 5	3483 Peel St., Montreal	LA 0643
		2300 College Ave., Regina, Sask.	
MacLeod, John A	Med. 1	1441 Drummond St., Montreal	MA 4171
		Scotstown, Que.	
McLernon, Aubrey R	B.Sc. 1	3003 Cedar Avenue, Montreal	WI 1527
McLernon, Leslie R	B.Sc. 1	3003 Cedar Avenue, Montreal	WI 1527
McLurg, John	B.Sc. 1	566 Roslyn Ave., Westmount, Que.	DE 3019
McMahon, Ruth I	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		45 Bethany St. (Box 213), Lachute, Que.	
McMartin, John W	B.A. 2	4727 Western Ave., Westmount, Que.	DE 6722
McMaster, Helen L	B.A. 4	40 Windsor Ave., Westmount, Que.	WA 5174
MacMillan, Donald J	Agr. 1	Macdonald College, Que	Ste. A 87
		Inverness, Que.	
MacMillan, E. Ruth M	B.A. 3	2442 Mayfair Ave., Montreal	WA 6912
McMillan, Gardner C	B.Sc. 2	25-41 Avenue, Lachine, Que	Lachine 557
Macmillan, James F	B.A. 2	3485 MacTavish Street, Montreal	PL 1649
		22 Brighton Road, Charlottetown, P.E.I.	
McMillan, Joseph A	Med. 5		
		302 Euston St., Charlottetown, P.E.I.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacMillan, Kenneth G	B.A. 4 Theol. 3	3506 University St., Montreal Chateauguay Basin, Que.	MA 2055
MacMillan, Robert T	Med. 1	30 Jasper Ave., Town of Mount Royal, Que.	AT 1369
McMurrich, Arthur R	Com. 3	3478 McTavish St., Montreal 169 Balmoral Avenue, Toronto, Ont.	PL 7412
McMurtry, Caroline V	B.A. 4	339 Lansdowne Ave., Westmount, Que.	WE 2275
McMynn, John E	Eng. 4	3437 Peel Street, Montreal	PL 1764
MacNab, Barbara G	B.H.S. 1	Macdonald College, Que 64 Cochrane St., St. John's, Nfld.	Ste. A 98
McNab, Duncan S	Arch. 2	3506 University St., Montreal 1311-15th Ave., West Calgary, Alta.	MA 2055
McNab, Elizabeth B	B.A. 1	4911 Grosvenor Ave., Westmount, Que.	DE 7145
McNamara, Mary F. C	Grad. Sch	1610 Sherbrooke St. W., Apt. 6, Montreal 518 Adams Avenue, Scranton, Pa.	FI 7342
MacNaughton, J. William	Eng. 1	5804 Park Avenue, Montreal	CR 3992
McNeeland, Frederick L	B.Sc. 1	772 Sherbrooke St. W., Montreal Bridgewater, Mass.	PL 1156
McNutt, Eleanor M	B.H.S. 2	Macdonald College, Que Ste. Anne de Bellevue, Que.	Ste. A 98
Macnutt, P. Stephenson	B.A. 2	4308 Montrose Ave., Westmount, Que.	FI 2976
MacOdrum, Alaistair H	Arts P	3485 McTavish Street, Montreal Brockville, Ont.	PL 1649
McOuat, Lillian R	Teachers' (Inter.)	Macdonald College, Que Box 63, Brownsburg, Que.	Ste. A 98
MacPherson, F. E	Theol. 3	3506 University Street, Montreal O'Leary, P.E.I.	MA 2055
MacPherson, John	Agr. P	Macdonald College, Que Glen Martin, P.E.I.	Ste. A 87
MacPherson, John	Arts P-Theol. 1	4576 Mentana St., Montreal	
McQuaig, Keith D	B.A. 4	3485 McTavish Street, Montreal Finch, Ont.	PL 1649
MacQueen, John M	Arts P	3485 McTavish Street, Montreal Hillside, Boulardarie, C.B., N.S.	PL 1649
MacRae, Frank R	B.A. 3	5137 Notre Dame de Grace Ave., Montreal	DE 9284
Mack, Ernest W	Med. 4	St. Luc's Hospital, Montreal 451 Roberts St., Reno, Nevada.	
Macorquodale, Ian D	Eng. 1	744 Roslyn Ave., Westmount, Que.	EL 2327
Madill, Ellen G	B.Sc. 3	338 Wood Ave., Westmount, Que.	FI 7033
Mahoney, Richard A	B.Sc. 1	Douglas Hall, Montreal 214 Elm Street, Holyoke, Mass.	BE 2885
Mailer, Catherine B	Teachers' (Inter.)	Macdonald College, Que 3450 Shuter St., Montreal, Que.	Ste. A 98
Mainwaring, Robert G. L	B.A. 2	1015 Sherbrooke St. W., Montreal St. Alban's School, Brockville, Ont.	MA 4418
Makepeace, Charles E	Eng. 1	3485 McTavish St., Montreal 25 William Street, Brockville, Ont.	PL 1649
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Malevitch, Alexander	Agr. 1	Macdonald College, Que 10555 Laverdure St., Ahuntsic, Que.	Ste. A 87
Mallet, Jacques	Com. 2	Arts Building, McGill University, Montreal 22 Golf Ave., Pointe Claire, Que.	Pte. Claire 230
Mallette, Alan H	Eng. 1	5818 Jeanne Mance St., Montreal	CA 6782
Mallory, Ruth A	B.A. 1	105 Wolseley Ave., Montreal	EL 5562
Maloney, Richard C	Dent. 2	3615 University St., Montreal 73 Delle Ave., Boston, Mass.	HA 9322
Malouf, Albert H	B.A. 4	135 St. Joseph Blvd. W., Montreal	CR 1793
Malouf, Stanley E	Grad. Sch	709 Broadway, Saskatoon, Sask.	
Mamen, Christen	Eng. 1	52-36th Avenue, Lachine, Que.	Lachine 964
Mancuso, Salvatore	Med. 5	3537 Park Ave., Montreal	HA 3736
Mann, Douglas	Com. 1	4840 Westmount Ave., Westmount, Que. 41 Oriole Gardens, Toronto, Ont.	DE 2627
Mann, Kathleen N	B.A. 2	639 Davaar Ave., Outremont, Que.	CA 7862

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Mann, Sarah	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		4829 Esplanade Ave., Montreal, Que.	
Mann, William R	Eng. 3	3506 University St., Montreal	MA 2055
		2211-11th St. W., Calgary, Alta.	
Mannard, Florence A	B.A. 3	1125 Greene Ave., Westmount, Que.	FI 3620
Manning, Charles G	B.Sc. 2	772 Sherbrooke St. W., Montreal	PL 1156
		Culloden Road, St. Michael, Barbados, B.W.I.	
Manson, Nora C	B.Sc. 1	4838 Mira Road, Montreal	DE 5482
Mantell, Cecil	Med. 3	705 Outremont Ave., Apt. 4, Outremont, Que.	DO 9084
		Ste. Agathe, Que.	
Marcovitch, Edythe	B.A. 1	381 Querbes Ave., Outremont, Que.	CR 0836
Marcus, Allan	Law 1	4780 Victoria Ave., Westmount, Que.	EL 2464
Markell, Harold K	B.A. 4	3485 McTavish St., Montreal	PL 1649
		Wales, Ont.	
Markham, Gerald A	B.Sc. 1	641 Murray Hill, Westmount, Que.	WE 1018
Marrotte, Enid M	B.A. 1	224 Brock Ave., Montreal West, Que.	DE 4902
Marrotte, Gordon L	Eng. 2	3872 Melrose Ave., Montreal	DE 7863
Marsh, Doris E	B.A. 4	5651 Somerled Ave., Montreal	EL 1372
Marshall, Eileen A. G	B.A. 3	74 Chesterfield Ave., Westmount, Que.	EL 3606
Marshall, Elizabeth D	Homemaker	Macdonald College, Que.	Ste. A 98
		106 Pine Crest Road, Toronto, Ont.	
Marshall, Harry S	B.Sc. 1	4253 Beaconsfield Ave., Montreal	EL 4591
Marshall, James	Grad. Sch	Macdonald College, Que.	Ste. A 87
		Asst. Entomologist, The State College of Washington, Wenatchee, Wash.	
Martin, Audrey M	B.A. 3	4836 Grosvenor Avenue, Montreal	DE 7297
Martin, Emily B. E	Homemaker	Macdonald College, Que.	Ste. A 98
		1480 Drummond St., Montreal.	
Martin, Robert J. D	Agr. 4	Macdonald College, Que.	Ste. A 87
		Almonte, Ont.	
Martin, William V	Agr. 2	Macdonald College, Que.	Ste. A 87
		Hartwell Vicarage, Northampton, Eng.	
Martinello, Walter H	Med. 1	Douglas Hall, Montreal	BE 2885
		3 Fair Street, Sydney, N.S.	
Mason, Stanley G	Grad. Sch	2189 Clifton Ave., Montreal	DE 4180
Mason, Vaughan C	Med. 1	477 Prince Arthur St. W., Montreal.	LA 3691
		26 Olive St., Salem, N.J.	
Matheson, Donald M	B.Sc. 4	139 Ballantyne Ave., Montreal West, Que.	DE 7649
Mathewson, Kenneth B	B.Sc. 1	5347 Durocher Ave., Outremont, Que.	CR 1890
Mathewson, Mary S	Grad. Nurses P.	464 Strathcona Ave., Westmount, Que.	WE 1347
Mathewson, Pamela	Arts P	3057 Trafalgar Ave., Montreal	FI 7207
Mathieson, Genevieve E	Lib. Sch	3547 University St., Montreal	LA 0789
		271 Church Ave., Winnipeg, Man.	
Mathieu, Gerard A	Grad. Sch	Macdonald College, Que.	Ste. A 88
		B.P. 45, L'Assomption, Que.	
Mathisen, Arne K	Med. 1	Douglas Hall, Montreal	BE 2885
		Beaver Point P.O., Salt Springs, B.C.	
Mathys, Joseph F	Eng. 3	354 Redfern Ave., Westmount, Que.	FI 5445
Matthews, Thomas V	Med. 1	3532 Lorne Ave., Montreal	HA 1779
		43½ So. Spring St., Concord, N.H.	
Maughan, George B	Grad. Sch	Mount Royal Hotel, Montreal	PL 7777
Mauran, William L	Med. 1	Douglas Hall, Montreal	BE 2885
		140 Prospect St., Providence, R.I.	
Maw, John L	Eng. 1	4259 Hingston Ave., Montreal	DE 2810
Maxfield, John L	Eng. 1	3506 University Street, Montreal	MA 2055
		Boissevain, Man.	
Maxwell, Benjamin R	Med. 5	2101 University St., Apt. 12, Montreal	LA 0739
		Hopewell, N.S.	
Maxwell, Frances	B.A. 2	Royal Victoria College, Montreal	MA 9176
		102 Mercier St., St. Johns, Que.	
May, Beatty	Arts P	630 Victoria Ave., Westmount, Que.	EL 2434

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
May, David M	Agr. Dip. 3	Macdonald College, Que. Coaticook, Que.	Ste. A 87
Mayer, Theodore	B.Sc. 1	580 Cote St. Antoine Road, Westmount, Que.	EL 9079
Meagher, Fred G	B.Sc. 2	4643 Sherbrooke St. W., Montreal	WE 4694
Meagher, Lorna A	Arts P	537 Pine Ave. W., Montreal	MA 6688
Meagher, Robert D	Eng. 4	1441 Drummond St., Montreal 571 Island Park Drive, Ottawa, Ont.	MA 4171
Mearns, Robert B	Med. 3	545 Pine Ave. W., Montreal 56, The Uplands, Berkeley, Calif.	MA 1545
Medine, Sidney M	Med. 3	4200 Sherbrooke St. W., Montreal	WI 7714
Melinkoff, Borice E	Med. 3	631 Prince Arthur St. W., Montreal 1283 S. Meadowbrooke St., Los Angeles, Calif.	HA 5621
Melinkoff, Olive S	B.A. 3	631 Prince Arthur St. W., Montreal 2213 Holly Drive, Hollywood, Calif.	HA 5621
Mendel, Anita	Dent. 3	5775 Durocher Ave., Outremont, Que.	CR 5638
Mendell, John	B.Sc. 1	5775 Durocher Ave., Outremont, Que.	CR 5638
Mendelsohn, Albert J	Eng. 3	4144 St. Urbain St., Apt. 3, Montreal P.O. Box, 177 Ste. Agathe des Monts, Que.	BE 2253
Mendelsohn, Edith I	B.A. 2	4799 Grosvenor Ave., Westmount, Que. 8 St. Paul St. W., Ste. Agathe des Monts, Que.	EL 3157
Mendelson, Hyman I	Med. 3	237 St. Joseph Blvd. W., Montreal	CR 0356
Menzies, Donald C	Com. 3	4390 Oxford Ave., Montreal 218 Grant St., Bedford, Ia., U.S.A.	DE 4384
Merifield, Russell R	B.A. 4	690 Sherbrooke St. W., Montreal 927-38th Ave. W., Calgary, Alta.	LA 2244
Merkley, Murray R	B.Sc. 1	257 Strathearn Ave., Montreal West, Que.	DE 9939
Merson, Lawrence N	Eng. 2	189 Mozart St. West, Montreal	CR 1970
Messel, Michael J	Eng. 4	3488 Shuter St., Montreal Rivers, Man.	MA 2898
Metrakos, Julius D	B.Sc. 3	3535 Ste. Famille St., Montreal	PL 5526
Meunier, Helen	B.A. 3	8732 Clarke St., Montreal	DU 5184
Meyer, Andrew H	Med. 3	2054 Mansfield St., Montreal 829 Acacia Dr., Burlingame, Calif.	LA 5528
Michaud, J. Marcel	Eng. 2	3582 Ste. Famille St., Montreal	PL 2466
Michlin, Marcia G	B.A. 3	712 McEachran Ave., Outremont, Que.	CA 5841
Michlin, Rosadeen	B.H.S. 2	Macdonald College, Que. 1125 Bernard Ave., Apt. 9, Montreal,	Ste. A 98
Midlige, Benjamin A	Teachers' (Inter.)	Macdonald College, Que. Oskelaneo River, Que.	Ste. A 87
Miedema, Frances J. A. L	B.Sc. 2	Royal Victoria College, Montreal 75 St. Ursule St., Quebec, Que.	MA 9176
Mildon, Denis F	Grad. Sch	8541 Casgrain St., Montreal	DU 3294
Miles, Henry J	Teachers' (Inter.) Grad. Sch.	Macdonald College, Que. Lachute Mills, Lachute, Que.	Ste. A 87
Miller, George H	Com. 1	4168 Madison Ave., Montreal St. Andrews, N.B.	EL 7647
Miller, Gray	B.Sc. 3	3010 Westmount Blvd., Westmount, Que.	FI 6192
Miller, Kenneth S	B.A. 2	15 Parkman Place, Westmount, Que.	EL 9814
Miller, Miriam F	Med. 1	3620 Durocher St., Montreal Carleton, Yarmouth Co., N.S.	MA 2734
Miller, Morris	B.Sc. 1	2 Elmwood Ave., Outremont, Que.	CA 6485
Miller, Saul	Med. 4	357 Broadway Ave., Lachine, Que.	Lachine 481
Miller, Walter B	B.A. 3	3095 Cedar Ave., Montreal	FI 9564
Millette, Claire J	Phys. Ed. 2	259 Querbes Ave., Outremont, Que.	DO 2606
Millette, Theresa A	Lib. Sci.	259 Querbes Ave., Outremont, Que.	DO 2606
Milne, Eleanor M	Teachers' (Inter.)	Macdonald College, Que. 7 Mary St., South, Smith Falls, Ont.	Ste. A 98
Milner, Robert L	Grad. Sch	3506 University St., Montreal 23 Robie St., Amherst, N.S.	MA 2055
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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
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		Granby, Que.	
Mingie, Monica V	B.A. 1	845 Pratt Ave., Outremont, Que.	AT 2188
Minogue, Howard D	Eng. 1	139 Querbes Ave., Outremont, Que.	CR 9503
Minshall, W. Harold	Grad. Sch	3561 Stuter St., Montreal	LA 0965
		R. No. 4, Brantford, Ont.	
Minter, George F	Agr. 1	Macdonald College, Que.	Ste. A 87
		550 Minto Place, Rockliffe Farm, Ottawa, Ont.	
Minto, Myrtle M	B.Sc. 2	3505 Park Ave., Montreal	PL 1528
Mislap, Sam H	B.A. 4	495 Prince Arthur St. W., Montreal.	LA 3956
Mitchell, Archibald S	Eng. 4	135 Bilfour Rd., Town of Mount Royal, Que	AT 0476
Mitchell, Daphne G	B.A. 2	1675 Lincoln Ave., Montreal	WI 6957
		110 Kilbarry Rd., Toronto, Ont.	
Mitchell, Dora M	B.A. 4	2049 Grey Ave., Montreal	DE 3063
Mitchell, Gerald V	Med. 5	495 Prince Arthur St., Apt. 20, Montreal	LA 8966
		122 Eln St., Winsted, Conn.	
Mitchell, H. G. C	Agr. 1	Macdonald College, Que.	Ste. A 87
		Drumnondville, Que.	
Mitchell, James D	B.Sc. 1	2049 Grey Ave., Montreal	DE 3063
Mitchell, Marjorie M	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		5027 Grosvenor Ave., Montreal.	
Mitchell, Robert A	B.Sc. 3	2204 Oxford Ave., Montreal	DE 1478
Moffatt, John P	B.Sc. 1	5724 Esplanade Ave., Montreal	CR 1861
Molson, Reginald J. B	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 87
		Bedford, Que.	
Molson, Walter K	B.A. 4	1517 MacGregor St., Montreal	FI 3232
Monk, Henry C	Com. 4	3605 University St., Montreal	MA 3101
		157 Gilmour St., Ottawa, Ont.	
Monks, Herbert T. J	Med. 4	4060 Hampton Ave., Montreal	EL 9811
Monro, Hector A. U	Grad. Sch	Macdonald College, Que.	Ste. A 87
		2069 St. Luke St., Apt. 10, Montreal.	
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Montgomery, Jean McN	B.H.S. Partial	Macdonald College, Que.	Ste. A 98
		Sawyerville, Que.	
Montgomery, Margaret I	B.A. 2	3590 Vendome Ave., Montreal	DE 7242
Montgomery, Thomas H	Law 2	3546 Drocher St., Apt. 2, Montreal.	HA 6749
		Philipsburg, Que.	
Montreuil, Gilles A. J	B.Sc. 1	288 Grant Ave., Longueuil, Que.	Long. 345
Mooney, Elizabeth S	B.A. 1	Royal Victoria College, Montreal	MA 9176
		129 W. Springfield Rd., Springfield, Pa.	
Moore, Don J	Eng. 3	2063 Stanley St., Montreal	MA 9038
		Lacombe, Alta.	
Moore, Dora I	B.Sc. 1	579 Champagneur Ave., Outremont, Que.	CA 4244
Moore, Fred C	Com. 2	4961 Victoria Ave., Westmount, Que.	EL 3355
Moore, George T	B.Sc. 2	4961 Victoria Ave., Westmount, Que.	EL 3355
Moore, James T	Arts P	4155 Cote des Neiges Rd., Montreal.	FI 7376
Moore, John R	Med. 1	647 Milton St., Montreal	MA 1476
		18 de Monts St., Saint John, N.B.	
Moore, M. Irene	B.A. 2	2090 Sherbrooke St. W., Apt. 7, Montreal	FI 5820
Moore, Ralph A	B.A. 4	359 Querbes Ave., Outremont, Que.	CR 7079
Morache, Alma	Grad. Nurses	2004 Gauthier St., Montreal	FR 3688
		Danikei, Cte. Saleme, Switzerland.	
Morgan, Frank H	B.A. 1	3506 University St., Montreal	MA 2055
		144 Magee St., Westboro, Ont.	
Morgan, Henry G	Med. 5	3635 Lorne Crescent, Montreal	LA 3531
		6305 Sunset Blvd., Hollywood, Calif.	
Morgan, Jean E	B.A. 3	244 Percival Ave., Montreal West, Que.	EL 6537
Morin, Clement J	Agr. 1	Macdonald College, Que.	Ste. A 87
		815 Outrement Ave., Outremont, Que.	
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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
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Morrell, Gordon L	B.A. 1	3816 Grey Ave., Montreal	DE 7693
Morriel, Katherine B	B.A. 2	495 Prince Arthur St., Apt. 9, Montreal	PL 3537
		25 Prospect St., Sherbrooke, Que.	
Morris, Angus M	B.Sc. 1	1 Thurlow Rd., Hampstead, Montreal	EL 5910
Morris, Margaret K	B.A. 3	5392 Jeanne Mance St., Montreal	CR 7169
Morris, Michael F	Arts P	5535 Bannantyne Ave., Montreal	PL 9531
		125 Coristine Bldg., Montreal.	
Morris, William S	Arts P	405 Metcalfe Ave., Westmount, Que.	WE 5333
Morrison, Alan F	Med. 4	627 Milton St., Apt. 4, Montreal	HA 0657
		721 Waverley St., Palo Alto, Calif.	
Morrison, Allister E	Arts P	3535 Shuter St., Montreal	PL 1979
		St. Annes, Victoria Co., N.S.	
Morrison, Frank O	Grad. Sch	Macdonald College, Que.	Ste. A 87
		Box 183, Wetaskiwin, Alta.	
Morrison, John D	Eng. 3	68 Bruce Ave., Westmount, Que.	FI 7127
Morrison, Neil N	Grad. Sch	772 Sherbrooke St. W., Montreal	PL 1156
		928 McMillan Ave., Winnipeg, Man.	
Morrison, William B	Com. 1	167 Portland Ave., Town of Mount Royal, Que	BY 0314
Morrison, Violet E	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		R.R. No. 2, Lachute, Que.	
Morse, Clifford E	Eng. 1	3437 Harvard Ave., Montreal	DE 4946
Morton, Paul V	Med. 2	3474 McTavish St., Montreal	LA 7645
		202 So. 14th St., San Jose, Calif.	
Morvan, Paul	Eng. 3	23 Sherbrooke St. E., Montreal	MA 2879
		Thurso, Que.	
Mosbaugh, Francis P	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		Huntsville, Ont.	
Moskowitz, Carl A	Dent. 1	1551 Ducharme St., Montreal	CA 2454
Moskowitz, Philander Arthur	Dent. 4	525 Prince Arthur St. W., Montreal	MA 6649
		1970 Anthony Ave., Bronx, N.Y.	
Moss, A. E	Grad. Sch	1451 MacKay St., Apt. 8, Montreal.	
		110 Clarence Ave. N., Saskatoon, Sask.	
Moss, Bernard B	Eng. 4	107 Mount Royal Ave. W., Montreal	MA 9065
Moss, Harry	Eng. 2	107 Mount Royal Ave. W., Montreal	MA 9065
Motherwell, Charles G	Eng. 4	574 Cote St. Antoine Rd., Westmount, Que.	EL 9817
Mott, Phyllis J	B.A. 2	4340 Draper Ave., Montreal	DE 0743
Mowat, J. Keith	B.Sc. 2	646 Carlton Ave., Westmount, Que.	WE 5542
Mowat, John H	Grad. Sch	Douglas Hall, Montreal	BE 2885
		Houlton, Maine.	
Mowat, W. Stewart	B.A. 3	646 Carlton Ave., Westmount, Que.	WE 5542
Moyle, Allan H	B.Sc. 3	Douglas Hall, Montreal	BE 2885
		Hawkesbury, Ont.	
Mullally, A. Jean E	B.A. 4	2021 Union Ave., Montreal	HA 9560
Mullan, Barbara G	B.A. 1	3055 Sherbrooke St. W., Apt. 21, Montreal	FI 5682
Mulligan, William J	Dent. 1	409 Prince Arthur St., Montreal	PL 5395
		44 Wilson St., Lynbrook, N.Y., U.S.A.	
Mulligan, William O	Grad. Sch	351 Melville Ave., Westmount, Que.	WE 5233
Mungall, Andrew N	Med. 1	Douglas Hall, Montreal	BE 2885
		Chipman, N.B.	
Munn, David B	B.A. 1	10 Burton Ave., Westmount, Que.	EL 0459
Munn, Katherine A	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		10 Burton Ave., Westmount, Que.	
Munroe, Catherine	B.A. 2	235 Strathearn Ave., Montreal West, Que.	DE 8025
Munroe, Eugene G	B.Sc. 2	29 Bellevue Ave., Westmount, Que.	WE 1614
Munroe, M. Eleanor	B.A. 2	Royal Victoria College, Montreal	MA 9176
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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
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Murphy, David R.	B.Sc. 3	620 Victoria Ave., Westmount, Que.	EL 4569
Murphy, Florence E.	Grad. Sch	620 Victoria Ave., Westmount, Que.	EL 4569
Murphy, Gerald G.	Com. 1	2653 University St., Montreal 205 Dromore Ave., Winnipeg, Man.	PL 2073
Murphy, M. Charlotte.	Lib. Sch.	Royal Victoria College, Montreal 3 Rhuland St., Halifax, N.S.	MA 9176
Murray, Nancy M.	B.A. 4	1509 Sherbrooke St. W., Montreal	FI 3047
Murray, Donald R.	Med. 4	Douglas Hall, Montreal 9829-106th St., Edmonton, Alta.	BE 2885
Murray, Jack M.	Med. 4	Douglas Hall, Montreal 9829-106th St., Edmonton, Alta.	BE 2885
Murray, James R.	B.A. 4	517 Pine Ave. W., Montreal 728 So. Dr., Fort Garry, Winnipeg, Man.	MA 6958
Murray, Jean M.	B.H.S. 3	Macdonald College, Que. Sunnyside, Circular Rd., St. John's, Nfld.	Ste. A 98
Murray, Patrick J.	Agr. 4	Macdonald College, Que. Freshwater Rd., St. John's, Nfld.	Ste. A 87
Murray, Robert D.	Law 3	120 Percival Ave., Montreal West, Que.	DE 0318
Murray, Robert G. E.	B.Sc. 2	3590 University St., Montreal	HA 9693
Murray, Walter M.	Com. 4	3581 University St., Montreal 169 Clemow Ave., Ottawa, Ont.	MA 3842
Murrill, Rupert I.	Med. 1	772 Sherbrooke St. W., Montreal 12A Calle Colima 376 B, Mexico City.	PL 1156
Mussells, F. Lloyd	B.A. 2	371 Metcalfe Ave., Westmount, Que.	WI 9705
Mussells, H. Lindsay.	Dent. 1	371 Metcalfe Ave., Westmount, Que.	WI 9705
Mustard, Annie I.	Grad. Sch	Brucefield, Ont.	
Muttlebury, George J.	Eng. 1	Douglas Hall, Montreal 401 Kensington Bldg., Winnipeg, Man.	BE 2885
Nadler, Edward.	Com. 2	10 Pagnuelo Ave., Montreal	CA 4652
Nangle, Thomas P.	Med. 2	522 Prince Arthur St., Montreal 7 Church St., Rochester, N.H.	MA 9759
Nantel, Bernard.	Law 2	5797 Deom Ave., Montreal	AT 0375
Nantel, Paule L.	Arts P	441 Querbes St., Outremont, Que.	CR 5583
Naran, Ann.	B.Sc. 3	5900 Papineau Ave., Montreal	CR 7270
Narsted, George K.	Eng. 3	146 Easton Ave., Montreal West, Que.	DE 7648
Nase, Barbara S.	Com. 1	Royal Victoria College, Montreal 180 Germain St., Saint John, N.B.	MA 9176
Nash, Marion E.	Grad. Nurses	1246 Bishop St., Montreal 4 Main St., Dundas, Ont.	PL 5444
Nathanson, Miriam.	B.A. 3	810 Hartland Ave., Outremont, Que.	AT 2742
Nathanson, Sol.	Eng. 3	810 Hartland Ave., Outremont, Que.	AT 2742
Nation, George H.	Com. 1	1441 Drummond St., Montreal 6337 Marguerite St., Vancouver, B.C.	MA 4171
Naugler, Walter E.	Med. 2	3550 Lorne Ave., Montreal 19 Madison Ave., Beverly, Mass.	HA 4689
Nauman, Helen V.	Homemaker	Macdonald College, Que. 253 Harmer Ave., Ottawa, Ont.	Ste. A 98
Naylor, Alfred H.	Eng. 2	3815 Wilson Ave., Montreal	EL 6874
Neace, Lewis C.	Med. 4	3745 Hutchison St., Montreal Waitsburg, Washington.	LA 0744
Neale, Arthur C.	Com. 3	1 Bellevue Ave., Westmount, Que.	WE 6868
Neil, Proctor C.	B.Sc. 1	772 Sherbrooke St. W., Montreal 395 McIntyre St. E., North Bay, Ont.	PL 1156
Neilson, Helen R.	B.H.S. 3	Macdonald College, Que. 260 Grande Allee, Quebec, Que.	Ste. A 98
Neish, Arthur C.	Agr. 4	Macdonald College, Que. Port Dufferin, Halifax Co., N.S.	Ste. A 87
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Newton, Berne L.	Med. 3	3410 Atwater Ave., Apt. 7, Montreal	WI 2398
Nichols, Walter M.	Grad. Sch.	Montreal Neurological Institute 85 Gibson St., Glasgow, Scotland.	
Nicholson, John V.	Dent. 3	31 Langley Rd., Brighton, Mass.	
Nicol, Arthur C.	B.Sc. 4	111 Wolseley Ave., Montreal West, Que.	DE 9869
Nicol, John I.	Eng. 1	3506 University St., Montreal 193 Third Ave., Ottawa, Ont.	MA 2055
Nicol, Nancy M. L.	B.A. 1	Royal Victoria College, Montreal 153 Quebec St., Sherbrooke, Que.	MA 9176
Nightwine, Helen D.	B.A. 2	Royal Victoria College, Montreal 38 Mill Rd., Falmouth, Mass.	MA 9176
Nirenberg, Herbert M.	Eng. 1	661 Querbes Ave., Outremont, Que.	DO 0988
Noble, William J.	Grad. Sch.	3550 Lorne Ave., Montreal R.R. No. 5, Fredericton, N.B.	HA 4689
Norman, Francis A.	Com. 2	3055 Sherbrooke St. W., Montreal.	WI 6661
Norris, Charles K.	Med. 3	3490 Shuter St., Montreal Waterloo, Que.	MA 2898
Norris, Kenneth E.	Grad. Sch.	3581 Benny Ave., Montreal	DE 6110
Norrish, William E.	B.A. 4	750 Lexington Ave., Westmount, Que.	DE 9936
Norsworthy, Beatrice M.	B.Sc. 1	29 Ramezay Rd., Westmount, Que.	FI 3187
Norsworthy, Edward.	Eng. 3	29 Ramezay Rd., Westmount, Que.	FI 3187
Northcott, Oliver C.	B.A. 2	3506 University St., Montreal Lewisporte, Nfld.	MA 2055
Norton, Howard W.	Eng. 1	4165 Marcil Ave., Montreal	DE 6112
Novinger, George T.	Med. 4	2100 Marlowe Ave., Montreal 424 Prince Albert Ave., Westmount, Que.	DE 3571
Noyes, Harry A.	Grad. Sch.	772 Sherbrooke St. W., Montreal Hyde Park, Vt., U.S.A.	PL 1156
Nussbaum, Lambert R.	B.Sc. 1	Douglas Hall, Montreal 100 Rosedale Heights Dr., Toronto, Ont.	BE 2885
Nussey, Albert N.	Agr. 1	Macdonald College, Que. Bryonsville, Que.	Ste. A 87
Nutik, Harry L.	Med. 5	4908 Sherbrooke St., Westmount, Que.	DE 6357
Oatway, Harold C.	Eng. 3	2063 Stanley St., Montreal Stony Plain, Alta.	MA 9038
O'Brien, Henry J. S.	Law 1	420 St. Catherine Rd., Outremont, Que.	CA 4332
O'Brien, Hugh J.	Med. 1	Grande Prairie, Alta.	
O'Brien, William L.	Eng. 3	3506 University St., Montreal Farnham, Que.	MA 2055
O'Brien, William L. S.	Com. 4	420 St. Catherine Rd., Outremont, Que.	CA 4332
O'Brien, William S.	Eng. 1	4278 Sherbrooke St., Westmount, Que.	WI 0609
O'Connell, James H.	Dent. 3	1006 Sherbrooke St. W., Montreal. R.F.D. Box 60, Fremont, N.H.	LA 9632
O'Donnell, James L.	Com. 3	6065 Sherbrooke St. W., Montreal.	WA 1424
O'Donnell, Mary R.	Homemaker	Macdonald College, Que. 24 Gore St., Perth, Ont.	Ste. A 98
O'Donovan, Denis K.	Grad. Sch.	495 Prince Arthur St., Apt. 5, Montreal "Rossio", Castletroy, Limerick, Irish Free State.	
Ogilvie, Robert N.	Dent. 3	6 Weredale Park, Westmount, Que. Doaktown, N.B.	FI 9621
Ogilvie, James D. B.	Eng. 3	3506 University St., Montreal 1026 Murdock Rd., Calgary, Alta.	MA 2055
Ogilvie, Elizabeth P.	Med. 2	5555 Terrebonne Ave., Montreal	EL 6648

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL NO.
O'Hara, Eleanor	B.A. 1	5145 Cote St. Luc Rd., Montreal	EL 6498
Oland, Jean E,	B.H.S 1	Macdonald College, Que	Ste. A 98
		135 Douglas Ave., Saint John, N.B.	
Oliver, Howard T	Dent. 4	1483 Closse St., Apt. 8A, Montreal	WI 4442
		415-10th St., Saskatoon, Sask.	
Oliver, M. Joyce	B.A. 3	440 Strathcona Ave., Westmount, Que	WE 1741
Oliver, Ruth S	B.A. 4	577 Roslyn Ave., Westmount, Que.	EL 6688
Olson, Donald C	Eng. 2	Douglas Hall, Montreal	BE 2885
		280 Caroline St. S., Hamilton, Ont.	
Olynyk, Paul	B.Sc. 3	2054 Mansfield St., Montreal	LA 5528
		Red Deer, Alta.	
O'Neil, Vincent D	Med. 1	3532 Lorne Ave., Montreal	HA 1779
		52 Perley St., Concord, N.H.	
O'Neill, Gordon C	B.Sc. 1	489 Grosvenor Ave., Westmount, Que.	DE 6768
O'Neill, J. P	Grad. Sch	5257 Queen Mary Rd., Apt. 25, Montreal	DE 3407
Orange, Robert A	Dent. 3	3524 Shuter St., Montreal	MA 4624
		1197 Gr. Concourse, New York City, N.Y.	
Orlando, Joseph D	Dent. 2	3443 Durocher St., Montreal	HA 5078
		2 Kelly St., Rochester, N.Y.	
Orlick, Emanuel	Grad. Sch	4410 Royal Ave., Montreal	EL 8730
		174 King St. W., Hamilton, Ont.	
Ormrod, John K	B.Sc. 2	Douglas Hall, Montreal	BE 2885
		1095 St. Paul St., Three Rivers, Que.	
Ornstein, William	Eng. 2	7123 Querbes Ave., Montreal	DO 0720
Orr, Leslie J	Eng. 4	6247 St. Denis St., Montreal	CR 6004
Orr, W. Leonard	Med. 2	3625 Oxenden Ave., Montreal	MA 6466
O'Shaughnessy, Martin D	Grad. Sch	1441 Drummond St., Montreal	MA 4171
		Cobalt, Ont.	
Ouellette, Robert	B.Sc. 1	5363 Duquette St., Montreal	DE 8604
Oughtred, Angus W	B.Sc. 1	55 Mercille Ave., St. Lambert, Que.	St. L 1274
Oughtred, William W	Eng. 1	55 Mercille Ave., St. Lambert, Que.	St. L 1274
Ounsworth, Leslie F	Grad. Sch	Macdonald College, Que	Ste. A 87
		64 Cardinal Ave., St. Laurent, Que	
Outhet, Murray M	Eng. 2	3506 University St., Montreal	MA 2055
		57 Ballantyne Ave., Montreal West, Que.	
Overholt, Kenneth E	Med. 3	3580 Durocher St., Montreal	MA 5073
		2219 Spaulding Ave., Berkeley, Calif.	
Owen, George	Agr. 2	Macdonald College, Que	Ste. A 87
		Weir, Que.	
Owen, Herbert F	B.A. 3	5862 Notre Dame de Grace Ave., Montreal	DE 8613
Owen, Hugh G	B.A. 3	3417 Patricia Ave., Apt. 18, Montreal	
Owen, Jean N	B.H.S. 1	Macdonald College, Que	Ste. A 98
		5862 Notre Dame de Grace Ave., Montreal.	
Owen, John B	B.A. 3	3473 University St., Montreal	MA 4902
		Weir, Que.	
Owens, Andrew P	Med. 1	428 Sherbrooke St. W., Montreal	MA 9027
		45 E. Eaton St., Bridgeport, Conn.	
Oxorn, Harry	B.A. 1	4380 Harvard Ave., Montreal	DE 8386
Packard, Olive M	Arts P	578 Lansdowne Ave., Westmount, Que.	EL 7997
Page, Bernard	B.Sc. 1	1681 St. Denis St., Montreal	
		St. Sauveur des Monts, Que.	
Page, James C	Arch. 4	1441 Drummond St., Montreal	MA 4171
		912 Edinburgh St., New Westminster, B.C.	
Paine, Frederick J	B.A. 2	3856 Draper Ave., Montreal	DE 7513
Paine, Kathleen M	B.A. 2	3856 Draper Ave., Montreal	DE 7513
Paine, Roy J	Med. 2	Douglas Hall, Montreal	BE 2885
		5929 Trafalgar St., Vancouver, B.C.	
Paine, Ruth V	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Kenogami, Que.	
Painter, Elaine F	Com. 2	215 Carlyle Ave., Town of Mount Royal, Que	BY 0427

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Pall, David B.	Grad. Sch.	3580 Durocher St., Montreal Box 474, Kamsack, Sask.	MA 5073
Palmer, John D.	Med. 1	Douglas Hall, Montreal 103 Church St., Fredericton, N.B.	BE 2885
Panet-Raymond, Bernard	B.Sc. 1	522 Argyle Ave., Westmount, Que.	WE 2489
Papazian, Levon	B.Sc. 2	Douglas Hall, Montreal Nelson, B.C.	BE 2885
Papplebaum, Sydney	B.Sc. 1	3469 Prud'homme Ave., Montreal	DE 5320
Paquet, Albert	Com. 2	Douglas Hall, Montreal 34-14th St., Quebec, Que.	BE 2885
Paquin, Paul E.	Eng. 2	2336 Wilson Ave., Montreal	DE 4107
Pare, Jules A. P.	B.Sc. 2	33 Rosemount Ave., Westmount, Que.	WE 4297
Parent, Grant L.	Agr. 2	Macdonald College, Que. Lennoxville, Que.	Ste. A 87
Parent, Madeleine P.	B.A. 2	5165 Cote St. Antoine Road, Montreal	EL 7110
Parker, Frederick B.	B.Sc. 1	810 Upper Belmont Ave., Westmount, Que.	DE 3620
Parker, John N.	B.A. 2	4165 La Salle Blvd., Verdun, Que.	FI 0724
Parker, Theodore H.	Dent. 3	3481 Shuter St., Apt. 6, Montreal 157 Congress Ave., Chelsea, Mass.	
Parker, William E.	Grad. Sch.	Macdonald College, Que. Georgetown, P.E.I.	Ste A 166
Parkinson, Roland	Grad. Sch.	41-56th Ave., Lachine, Que.	Lachine 111J
Parlee, Norman A. D.	Grad. Sch.	3506 University St., Montreal 288 Portland St., Dartmouth, N.S.	MA 2055
Parmenter, Margaret H.	Grad. Nurses	1418 Tower Ave., Montreal 93 Dunvegan Road, Toronto, Ont.	WI 4354
Parsons, Clarence R.	B.A. 3	376 Elm Ave., Westmount, Que.	WI 5506
Parsons, Margaret U.	B.Sc. 1	508 Grosvenor Ave., Westmount, Que.	EL 7618
Parsons, Marjorie A.	Med. 3	3566 Hutchison St., Montreal Colebrook, N.H.	LA 8096
Partridge, Glendon F.	Theol. 3	3485 McTavish St., Montreal 86 Edward St., Charlottetown, P.E.I.	PL 1649
Patch, Margaret S.	B.A. 3	118 Aberdeen Ave., Westmount, Que.	WE 4448
Patch, Peter R.	Eng. 1	3156 Westmount Blvd., Westmount, Que.	FI 2882
Patch, Rodney A.	Law 2	3156 Westmount, Blvd. Westmount, Que.	FI 2882
Paterson, Isobel A.	B.A. 4	4064 Oxford Ave., Montreal "Gordon Point" R.M.D. 4, Victoria, B.C.	WA 5765
Patrick, John W.	B.A. 1	4465 Sherbrooke St. W., Westmount, Que.	WE 2211
Pattee, Chauncey J.	Grad. Sch.	4931 Piedmont Ave., Montreal	DE 7182
Patterson, Christine M.	B.H.S. 3	Macdonald College, Que. 3792 Wilson Ave., Montreal.	Ste. A 98
Patterson, Frank P.	Med. 3	3555 University St., Montreal 2300 W. 2nd Ave., Vancouver, B.C.	HA 5664
Patterson, Henry Winthrop	B.A. 2	3792 Wilson Ave., Montreal	DE 7395
Patterson, Noreen M.	B.A. 4	655 Davaar Ave., Outremont, Que.	CA 7782
Payan, Kathleen D.	Homemaker	Macdonald College, Que. 309 Girouard St., St. Hyacinthe, Que.	Ste. A 98
Peabody, Sherman M.	Med. 2	3559 University St., Montreal Newport, Vt.	BE 3681
Pearce, Joseph K.	Eng. 2	3506 University St., Montreal Box 321, Picton, Ont.	MA 2055
Pearl, Frances S.	Grad. Nurses	5244 Byron Ave., Montreal 2878-8th Ave., W. Vancouver, B.C.	EL 5008
Pearson, John O. E.	B.A. 3	1441 Drummond St., Montreal 464-11th St. 'A' W., Owen Sound, Ont.	MA 4171
Pearman, Robert W.	B.A. 1	4118 Verdun Ave., Verdun, Que.	
Peck, Barabara M.	Arts P	1 Rosemount Ave., Westmount, Que.	WI 8420
Peck, Eleanor	Music	3460 Simpson St., Montreal	FI 4335
Peck, G. Richard H.	B.Sc. 2	1 Belvedere Road, Westmount, Que.	FI 0735
Peck, John T. F.	Arch. 3	428 Clarke Ave., Westmount, Que.	WE 4846

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Peck, Ronald M.	Arch. 3	3625 Oxenden Ave., Montreal Wolfville, N.S.	MA 6466
Pedvis, Sydney	B.Sc. 1	4270 City Hall Ave., Montreal 205 Browne Ave., Quebec City.	PL 3782
Peebles, Felix	Med. 5	629 Prince Arthur St., Montreal Jefferson, Texas.	PL 2011
Peets, Donald L.	B.Sc. 3	3506 University St., Montreal Saratoga Springs, N.Y.	MA 2055
Peniston, Quintin P.	Grad. Sch	521 Prince Arthur St. W., Montreal 2450- 4th Ave. W., Seattle, Wash.	HA 1839
Penrose, George H.	Grad. Sch	418 Claremont Ave., Apt. 50, Westmount, Que	WA 3135
Percival, Walter L.	B.A. 2	Douglas Hall, Montreal 126 Moncton Ave., Quebec City.	BE 2885
Percy, Jean G.	B.Sc. 3	5615 Queen Mary Road, Montreal	WA 2941
Perham, J. Allan	Eng. 4	1 Bellingham Ave., Outremont, Que	AT 0827
Perkins, Joseph A.	Med. 1	Suite 32-D, Douglas Hall, Montreal 118 Railroad St., Methuen, Mass.	BE 2885
Perman, Dennis G.	B.Sc. 4	2028 Victoria St., Apt. 16, Montreal. Staff House No. 6, Can. Celanese Ltd., Drummondville, Que.	
Perowne, Ronald H.	Com. 3	128 Balfour Ave., Mount Royal, Que	AT 2463
Perras, John E.	Dent. 2	3551 Durocher St., Montreal 467-5th Ave., North Troy, N.Y.	
Perrault, C. Jacques	Grad. Sch	Macdonald College, Que Ste. Anne de la Pocatiere, Que.	Ste. A 87
Perrault, Edwidge M.	Med. 3	25 Hampton Court, Mountain St., Montreal	LA 9711
Perrigard, Gordon E.	Med. 1	2342 Regent Ave., Montreal	DE 2765
Perry, Stanley	Grad. Sch	6 Oldfield Ave., Apt. 9, Montreal	FI 6937
Perry William F.	B.Sc. 2	772 Sherbrooke St. W., Montreal 84 Riverside Ave., Shawinigan Falls, Que.	PL 1156
Persaud, Ajudhia	Med. 3	573 Ontario St. W., Montreal 21 Hill St., Georgetown, Br. Guiana.	HA 1305
Petch, Mary E.	Com. 3	Royal Victoria College, Montreal Hemmingford, Que.	MA 9176
Peterson, Edward R.	Med. 5	3483 Peel St., Montreal 303 Sask. Crescent, Saskatoon, Sask.	LA 0643
Peterson, Eric W.	B.Sc. 4	122 Kenaston Ave., Town of Mount Royal, Que	AT 3020
Phelan, Arthur G.	Law. 3	455 Clarke Ave., Westmount, Que	WE 4118
Phillips, James Y.	Med. 2	5067 Beach Drive, Seattle, Wash.	
Phillips, Norman W. F.	Grad. Sch	1489 Bishop St., Montreal 41 Stradbroke Grove, Woodford Ave., Ilford, Essex, England.	HA 4929
Phillipps-Wolley, Clive J. F.	Med. 2	2095 Lincoln Ave., Apt. 8, Montreal	FI 0785
Piacitelli, Frank A.	B.Sc. 1	772 Sherbrooke St. W., Montreal Cranston, R.I., U.S.A.	PL 1156
Picard, Horace L.	B.A. 3	426 Grosvenor Ave., Westmount, Que	DE 5209
Pick, Alfred J.	Law 1	426 Clarke Ave., Westmount, Que	WE 4168
Pick, Charles A.	B.Sc. 3	535 Lansdowne Ave., Westmount, Que	FI 5892
Pickard, Henry M.	Med. 5	3550 Lorne Ave., Montreal Wilmington, N.C.	HA 4689
Pidcock, Paul M.	Eng. 4	3637 University St., Montreal 91 Kingsway, Winnipeg, Man.	MA 1824
Pidgeon, Arthur L.	Grad. Sch	1227 Sherbrooke St. W., Montreal	HA 6688
Pinckard, Elliott S.	Com. 2	3637 University St., Montreal 24 Inglewood Drive, Hamilton, Ont.	MA 1824
Pinsky, Alex.	B.Sc. 1	5582 Hutchison St., Montreal	CR 2477
Pinsky, Rose	B.H.S. 3	Macdonald College, Que 389 Querbes Ave., Outremont, Que.	Ste. A 98
Piper, Albert O.	Med. 1	3550 Lorne Ave., Montreal 5 Dalton St., Waterville, Maine.	HA 4689
Piper, Edward H. S.	Law 2	2047 Vendome Ave., Montreal	DE 2103
Pitcher, Paul B.	Law 3	3860 Queen Mary Road, Montreal	EL 9838

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Pittis, Harold E.	Med. 5	1475 Mansfield St., Apt. 38, Montreal Lakehurst, N.J.	
Place, Ronald E. G.	Med. 4	141 Lakeshore Road, Pointe Claire, Que.	Pte. Claire 395J
Platt, Peter L. W.	Eng. 4	2944 Viewmount Ave., Montreal Waddon House, Chudleigh, Newton Abbot, Devon, Eng.	FI 4275
Poch, Lewis N.	Dent. 1	4410 City Hall Ave., Montreal	PL 1053
Pollock, Alfred S.	B.A. 3	565 Argyle Ave., Westmount, Que.	WE 5667
Ponman, William E.	B.Sc. 1	4006 Hampton Ave., Montreal	EL. 1989
Poole, Mary S.	B.H.S. 4	Macdonald College, Que. 30 Ballantyne Ave. W., Montreal West, Que.	Ste. A 98
Poor, Mrs. Elizabeth D.	Arts P.	1469 Drummond St., Apt. 96, Montreal	PL 1951
Pope, Frederick N.	Agr. 4	Macdonald College, Que. 13 St. Augustine Road, Bedford, England.	Ste. A 87
Pope, George B.	Arch. 5	422 Metcalfe Ave., Westmount, Que.	WE 2686
Popkin, John W.	Grad. Sch.	Sun Life Assurance Co., Montreal Ste. Anne de Bellevue, Que.	PL 3131
Popliger, Frances L.	B.A. 4	262 De l'Epee Ave., Outremont, Que.	CA 6275
Porteous, James B.	Com. 4	48 Holton Ave., Westmount, Que.	FI 9234
Porter, John C. H.	Arch. 2	3625 Oxenden Ave., Montreal 70 Orange St., Saint John, N.B.	MA 6466
Porter, Sam J.	Eng. 1	4142 Girouard Ave., Montreal	WA 6646
Potvin, Roger	Grad. Sch.	3512 Jeanne Mance St., Montreal 10 Bower St., Ottawa, Ont.	PL 4735
Pouchet, Mrs. Bronka	Arts P.	5135 Park Ave., Apt. 5, Montreal	MA 9993
Powell, John E.	Med. 2	20 Holton Ave., Westmount, Que.	WE 4174
Power, Rosemary L.	B.A. 1	92 Columbia Ave., Westmount, Que. Roxborough Apts., Ottawa, Ont.	WE 6109
Power, William P.	Law 1	92 Columbia Ave., Westmount, Que. 305 Grande Allee, Quebec City, Que.	WE 6109
Powles, Cyril H.	B.A. 2	3473 University St., Montreal Box 212, Shawville, Que.	MA 4902
Powles, William E.	B.A. 2	3473 University St., Montreal Box 212, Shawville, Que.	MA 4902
Poyner, Dorothy A.	Teachers' (Inter.)	Macdonald College, Que. 7670 Gouin Blvd. W., Cartierville, Que.	Ste. A 98
Poyner, Walter J.	Eng. 4	7670 Gouin Blvd., Cartierville, Que.	BY 0586
Prebble, Malcolm L.	Grad. Sch.	261 St. John St., Fredericton, N.B.	
Prebble, M.	Grad. Sch.	Macdonald College, Que. Grand Cascapedia, Que.	Ste. A 87
Preston, Ray M.	Grad. Nurses P.	St. Mary's Hospital, 3830 Lacombe Ave., Montreal 5245 La Salle Blvd., Verdun, Que.	WA 2771
Price, Joan M. W.	B. A. 2	58 Lazard Road, Mount Royal, Que.	AT 1401
Prince, Betty	B. A. 2	Royal Victoria College, Montreal No. 2 Staff House, Canadian Celanese Ltd., Drummondville, Que.	MA 9176
Prince, Guy Dalton	Eng. 2	9 Anwoth Road, Westmount, Que.	WE 2448
Prissick, Frances H.	Med. 4	27 Bellevue Ave., Westmount, Que.	WE 6694
Pritchard, Alexander E.	Eng. 2	4839 Western Ave., Montreal 308 Fifth Ave., Ottawa, Ont.	WA 6669
Probert, E. Kathleen	Com. 4	107 Strathearn Ave., Montreal West, Que.	DE 8660
Probert, John S.	Eng. 1	107 Strathearn Ave., Montreal West, Que.	DE 8660
Proven, Dora H. M.	B.A. 2	5455 Western Ave., Montreal	DE 5027
Puddington, Ira E.	Grad. Sch.	470 Prince Arthur St. W., Montreal. Clifton Royal, N.B.	
Pue-Gilchrist, Alfred C.	Eng. 1	3506 University St., Montreal 262 Bentinck St., Sydney, N.S.	MA 2055
Pugh, Dorothy J.	B.A. 2	653 Davaar Ave., Outremont, Que.	CA 6921
Pugh, Wilfred G.	Med. 1	653 Davaar Ave., Outremont, Que.	CA 6921
Pullinger, Albert J. H.	B.A. 1	3630 Durocher St., Montreal 334-8th St. E., Prince Albert, Sask.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Purdie, Hugh J	Agr. P	Macdonald College, Que 94 Cedar Ave., Shawinigan Falls, Que.	Ste. A 87
Purney, John	Med. 4	620 Prince Arthur St. W., Montreal New Britain, Conn.	LA 9489
Putnam, Malcolm J. M	Med. 2	548 Prince Arthur St. W., Montreal Eldon, P.E.I.	MA 7845
Pye, Albert E	B.Sc. 4	4059 Harvard Ave., Montreal	DE 9833
Pyle, James J	Grad. Sch	3556 St. Famille St., Montreal 3990-18th Ave. W., Vancouver, B.C.	LA 7703
Quart, Gerard	Com. 1	2054 Mansfield St., Montreal 30 St. Julia St., Quebec City, Que.	LA 5528
Quimby, Robert L	Med. 4	3460 Durocher St., Montreal 7 Champlain Terrace, Montclair, N.J.	HA 0476
Quinn, Everilda	Grad. Nurses P.	St. Mary's Hospital, Montreal Bergerville, Que.	WA 2771
Quinn, Ivan B	B.A. 3	3434 McTavish St., Montreal Little Current, Ont.	PL 6773
Quinn, Hubert F	B.Sc. 1	6385-11th Ave., Rosemount, Que.	
Quinn, Robert W	Med. 5	3559 University St., Montreal 231 Brett St., Eureka, Calif.	BE 3681
Rabinovitch, B. Seymour	B.Sc. 3	3555 Grey Ave., Montreal	EL 8614
Rabinovitch, Jack L	B.Sc. 3	4137 Esplanade Ave., Apt. 6, Montreal	
Rabinovitch, Ralph D	Med. 1	7 Cote St. Catherine Road, Montreal	DO 8727
Racey, Charles A. I	Grad. Sch	65 Pine Ave., St. Lambert, Que	St.L. 816
Racine, Gerard	Dent. 3	Farnham, Que.	
Rahilly, Bernard J	B.A. 3	3581 University St., Montreal 977 Queen St. E., Sault Ste. Marie, Ont.	MA 3842
Rampoldi, Henry D	Med. 3	Wadsworth, Nevada.	
Ramsay, Robert H	Eng. 2	3581 University St., Montreal 45 Hillholm Road, Toronto, Ont.	MA 3842
Ramsay, William R	Eng. 1	3506 University St., Montreal 23 Grove Ave., Ottawa, Ont.	MA 2055
Ramsey, Dorothea E	B.A. 2	Royal Victoria College, Montreal Bedford, Que.	MA 9176
Randell, Cecil	B.A. 4	3473 University St., Montreal Port Rexton, Nfld.	MA 4902
Randolph, Moss G	Eng. 3	3626 Durocher St., Montreal	MA 3091
Ransom, Rosmore H	Arts P	22 Windsor Ave., Westmount, Que.	EL 0563
Rathie, W. Wilson	Com. 4	609 Belmont Ave., Westmount, Que.	WE 5971
Rathwell, Dorothy J	Teachers' (Elem.).	Macdonald College, Que 49-16th Ave., Lachine, Que.	Ste. A 98
Rattray, Alexander A	Theol. 1	3485 McTavish St., Montreal 247 Blackness Road, Dundee, Scotland.	PL 1649
Rattray, Douglas T	B.Sc. 4	3464 King Edward Ave., Montreal	DE 7167
Rauch, Joseph	Arts P	259 Mount Royal Ave. E., Montreal	PL 6748
Rawlinson, Jean H (Mrs. H. E.)	Music	4109 Cote des Neiges Road, Apt. 11, Montreal	WI 6903
Ray, Hugh A	Eng. 4	130 Kenaston Road, Town of Mount Royal, Que	AT 5202
Raynsford, Robert P	Eng. 1	6 Springfield Ave., Westmount, Que.	FI 0807
Reardon, Henrietta W	B.A. 2	51 Kenaston Ave., Town of Mount Royal, Que	AT 2490
Rector, E. William	Med. 5	545 Pine Ave. W., Montreal Nevada City, Calif.	MA 1545
Redmond, Lila	B.A. 2	4200 Sherbrooke St., Westmount, Que	FI 9210
Redpath, Jean M	B.A. 1	89 Sunnyside Ave., Westmount, Que.	EL 5124
Reed, Ernest S	Grad. Sch	Box 520, Noranda, Que.	
Rehder, John E	Eng. 2	3437 Peel St., Montreal Bowmanville, Ont.	PL 1674
Rehfuss, Elizabeth C	B.A. 4	5 Granville Road, Hampstead, Que.	EL 9261
Reichbach, Constance R	B.Sc. 1	2170 Lincoln Ave., Montreal	WI 5778
Reichbach, June D	Arts P	2170 Lincoln Ave., Montreal	WI 5778

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Reid, David B. W.	B.A. 3	1441 Drummond St., Montreal 1441 Pacific Ave., Winnipeg, Man.	MA 4171
Reid, E. A. Stewart	B.A. 4	619 Victoria Ave., Westmount, Que.	EL 3564
Reid, Evans B	Grad. Sch	2251 Wilson Ave., Montreal	DE 2995
Reid, James G	Com. 1	3757 Marlowe Ave., Montreal	DE 7743
Reid, John A	Med. 2	2087 St. Luke St., Apt. 7, Montreal Fredericton, N.B.	WE 2873
Reid, William L	Grad. Sch	3801 University St., Montreal 74 Hill St., North Adelaide, South Australia.	PL 1251
Reilly, Douglass H	B.A. 2	451 Claremont Ave., Westmount, Que.	DE 2403
Reilly, Mervyn P	Eng. 3	3506 University St., Montreal 1315-17th Ave. W., Calgary, Alta.	MA 2055
Reilly, Nelson B	B.A. 3	3506 University St., Montreal 193 Belmont Ave., Ottawa, Ont.	MA 2055
Reiser, Marie L	B.A. 1	4727 Westmount Blvd., Westmount, Que.	DE 1403
Reisman, Saul	Com. 2	4217 St. Urbain St., Montreal	
Render, Marion W	Grad. Nurses 1	5686 Waverley St., Montreal	CR 3365
Rennie, Donald F	B.A. 4	543 Grosvenor Ave., Westmount, Que. Huntingdon, Que.	DE 6706
Renton, Ernest M	Med. 2	620 Prince Arthur St., Montreal 17 George St., Sydney, N.S.	LA 9489
Retallack, Lois M	Grad. Sch	4056 Beaconsfield Ave., Montreal	EL 8208
Retallack, Norman F	B.Sc. 1	4056 Beaconsfield Ave., Montreal	EL 8208
Rettie, Edna B	B.H.S. 2	Macdonald College, Que McMasterville, Que.	Ste. A 98
Reutcky, Matthew	Dent. 1	7175 Waverley St., Montreal Gonor, Man.	
Rexford, Joyce C	Teachers' (Inter.)	Macdonald College, Que Ayer's Cliff, Que.	Ste. A 89
Reynolds, John B	Com. 1	3605 University St., Montreal 1170½ Delaware Ave., Buffalo, N.Y.	MA 3101
Reynolds, Josephine M. (Mrs. A. J.)	B.A. 2	12426 Reed St., Cartierville, Que.	BY 1739
Reynolds, William N. B	Eng. 4	5158 Notre Dame de Grace Ave., Montreal	EL 8624
Rheaume, Irene F	B.A. 3	4319 Oxford Ave., Montreal	DE 6053
Rhodes, Ellen	B.A. 3	Royal Victoria College, Montreal 46 Welch Road, Brookline, Mass.	MA 9176
Rhodes, Frances M	Grad. Sch	Kent Pace School, Summit, N.J. 235 St. Louis Road, Quebec City, Que.	
Rhys, John H. W	B.A. 3	222 Prince Albert Ave., Montreal	EL 7803
Riccardelli, William Joseph	Dent. 2	525 Prince Arthur St., Montreal 72 North Portland Ave., Brooklyn, N.Y.	MA 6649
Rice, Robert G	Med. 2	3637 Oxenden Ave., Montreal Box 382, Wolfville, N.S.	MA 8729
Richan, Donald T	B.Sc. 2	114 Vivian Ave., Town of Mount Royal, Que	AT 2574
Richardson, Arthur J. H	Grad. Sch	308 Nelson St., Ottawa, Ont.	
Richardson, John M	Com. 3	457 Mt. Stephen Ave., Westmount, Que.	WE 1339
Richardson, Lois A	Teachers' (Inter.)	Macdonald College, Que 66 Finchley Road, Hampstead, Que.	Ste. A 98
Richardson, Norah P	B.A. 3	561 Roslyn Ave., Westmount, Que.	DE 5890
Richert, Thomas H	Med. 5	3660 Lorne Crescent, Apt. 9, Montreal 2158 Diamond Ave., Pacific Beach, Calif.	HA 2073
Riches, Dorothy M	Grad. Nurses	2015 University St., Apt. 5, Montreal 207-9th St., Saskatoon, Sask.	HA 7834
Richmond, James H	Grad. Sch	4454 Coolbrook Ave., Montreal	DE 5287
Richmond, Mary G	B.A. 3	Royal Victoria College, Montreal Cleveland, Ohio.	MA 9176
Ricker, John H	Med. 3	3602 Durocher St., Montreal 1554 LeRoy Ave., Berkeley, Calif.	HA 6709

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Ridge, Derrick	Eng. 2	5612 Queen Mary Road, Hampstead, Que.	EL 2810
Ridge, Rita	B.A. 3	5612 Queen Mary Road, Hampstead, Que.	EL 2810
Riesenberg, Alice B	Grad. Sch	5094 Christophe Colomb, Montreal.	
		5 Tremont Ave., Fort Thomas, Ky.	
Riley, William J	B. Sc. 1	3763 Melrose Ave., Montreal	DE 9165
Riordon, Peter H	Grad. Sch	4084 Cote des Neiges Road, Montreal	FI 2677
Ripstein, Charles B	Med. 2	650 Murray Hill, Westmount, Que.	WE 6480
Ripstein, Coral N	B.A. 4	460 Elm Ave., Westmount, Que.	FI 4237
		Georgia Hotel, Vancouver, B.C.	
Ripstein, Riva B	B.Sc. 2	650 Murray Hill, Westmount, Que.	WE 6480
Ritchie, Frank I	B.A. 2	3605 University St., Montreal	MA 3101
		693 Notre Dame St., Three Rivers, Que.	
Ritchie, Gordon S	Com. 2	724 Lansdowne Ave., Westmount, Que.	EL 3201
Ritchie, Malcolm M	B.Sc. 2	23 Campbell Ave., Montreal West, Que.	EL 4427
		313 Michigan Ave., Point Edward, Ont.	
Rittenhouse, C. B	Grad. Sch	4558 Old Orchard Ave., Montreal	WA 3114
		Yale Theatre, New Haven, Conn.	
Riven, David J	Med. 2	444 Rigaud St., Montreal	HA 4795
Roback, Leo	B.A. 3	662 Querbes Ave., Outremont, Que.	DO 6510
Robb, J. Preston	Med. 4	Douglas Hall, Montreal	BE 2885
		659 Belmont Ave., Westmount, Que.	
Roberts, Margaret E	B.A. 2	3489 Atwater Ave., Montreal	FI 4377
Roberts, Paul C	Med. 4	3515 Shuter St., Apt. 5, Montreal	LA 6873
		2333 H. Street, Eureka, Calif.	
Robertson, Dorothy E	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		Struan Lodge, Kaleden, B.C.	
Robertson, Dorothy L	B.A. 2	4167 Melrose Ave., Montreal	DE 8814
Robertson, James L	Agr. 3	Macdonald College, Que.	Ste. A 87
		Cedar Park Station, Pointe Claire, Que.	
Robertson, Joan Seymour	Med. 1	58 Thornhill Ave., Westmount, Que.	FI 7036
		87 Bedford Road, Toronto, Ont.	
Robertson, May H	Com. 4	653 Belmont Ave., Westmount, Que.	WE 4782
Robertson, Robert F	Med. 4	3622 Lorne Crescent, Montreal	
		Fillmore, Calif.	
Robertson, Roberta J	B.H.S. 4	Macdonald College, Que	Ste. A 98
		Cedar Park Station, Pointe Claire, Que.	
Robicheau, John L	Agri. Dip	Macdonald College, Que.	Ste. A 87
		Maxwellton, N.S.	
Robichon, Jacques J	B.Sc. 1	3580 Durocher St., Montreal	MA 5073
		371 Alexander St., Trois-Rivieres, Que.	
Robillard, Claire	Grad. Nurses P.	3830 Lacombe Ave., Montreal, Que.	WA 1329
		115 Adelaide St., Sorel, Que.	
Robillard, Leopold A	Eng. 1	6051 Beaulieu St., Montreal	
Robinson, Alan W	Agr. 1	Macdonald College, Que.	Ste. A. 87
		206 Denison Ave., Granby, Que.	
Robinson, Charles W. B	B.Sc. 1	1471 Closse St., Montreal	WI 3841
Robinson, Dean Alexander	Med. 1	Douglas Hall, Montreal	BE 2885
		Banff, Alta.	
Robinson, Doreen I	B.A. 2	117 Aberdeen Ave., Westmount, Que.	WI 2075
Robinson, Francis R	Grad. Sch	3547 University St., Montreal	LA 0789
		836-7th Ave., Troy, N.Y.	
Robinson, Harold S	B.Sc. 3	Douglas Hall, Montreal	BE 2885
		Banff, Alta.	
Robinson, Mona J	B.A. 3	117 Aberdeen Ave., Westmount, Que.	WI 2075
Robinson, Norma P. M	B.A. 1	418 Walpole Ave., Town of Mount Royal, Que.	BY 1195
Robinson, Wallace	Agr. 4	Macdonald College, Que.	Ste. A 87
		Box 33, St. Eustache, Que.	
Robinson, William G	Grad. Sch	3541 Lorne Ave., Montreal	
		128-8th Street, Saskatoon, Sask.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Robinson, William I.	Eng. 2	4198 Hingston Ave., Montreal	DE 8096
Roche, Mary N.	B.Sc. 2	6228-2nd Ave., Rosemount, Que.	
Rochester, Kathleen M.	B.Sc. 3	54 Curzon Ave., Montreal West, Que.	EL 4317
Rochman, Saul	Med. 2	674 De l'Epee Ave., Outremont, Que.	CA 6005
Rodden, Mildred A.	Lib. Sch	3609 Hutchison St., Montreal	MA 4086
		195 Earl St., Kingston, Ont.	
Rodgers, Joyce I.	B.Sc. 1	G 12, Haddon Hall Apts., Sherbrooke St., Montreal	FI 4006
Rodi, Albert H.	Med. 4	3646 Lorne Crescent, Montreal	MA 7435
		1596 E. Mountain, Pasadena, Calif.	
Rodney, George W.	B.A. 1	Douglas Hall, Montreal	BE 2885
		Fort Saskatchewan, Alta.	
Rogers, Allison W.	Med. 2	3484 Shuter St., Apt. 10, Montreal	LA 9445
		78 Upper Prince St., Charlottetown, P.E.I.	
Rogers, Gertrude I.	Lib. Sch	410 Metcalfe Ave., Westmount, Que.	WE 3287
Rogers, Mervyn A.	Dent. 2	1441 Drummond St., Montreal	MA 4171
		Bulwer, Que.	
Rolin, Lucille	Music	237 Kensington Ave., Montreal	WE 6974
Roncarelli, Joseph A.	Eng. 4	1429 Crescent St., Montreal	MA 6979
Root, Howard S.	Med. 2	1321 Sherbrooke St. W., Apt. B-31, Montreal	LA 4986
		22-3rd St., Newport, Vt.	
Rorison, James A.	B.Sc. 1	3671 Jeanne Mance St., Montreal	
		Howick, Que.	
Rosborough, Anna K.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		Lachute, Que.	
Rose, Angus L.	Agr. 3	Macdonald College, Que.	Ste. A 87
		Oakfield, Halifax Co., N.S.	
Rose, Bram	Grad. Sch	4409 Coolbrooke St., Montreal	DE 4586
Rose, Marjorie L.	B.A. 1	16 Perreault Ave., Ste. Anne de Bellevue	Ste. A 299
Roseman, David	B.A. 3	490 Champagneur Ave., Outremont, Que.	CA 7442
Rosen, Edward J.	B.Sc. 3	847 Dollard Ave., Outremont, Que.	CR 7277
Rosenberg, Bernard L.	B.A. 3	670 McEachran Ave., Outremont, Que.	CA 6862
Rosenberg, Joshua W.	Arch. 3	1537 Lajoie Ave., Outremont, Que.	CA 3144
Rosenbloom, Bertha F.	B.Sc. 3	4868 St. Urbain St., Montreal	DO 8952
Rosenfeld, Laura C.	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		4211 Esplanade Ave., Montreal, Que.	
Rosenhek, Clarence	Med. 3	3608 Oxenden Ave., Montreal	MA 2591
		P.O. Box 778, Campbellton, N.B.	
Rosenthall, Edward	Grad. Sch	4259 Clarke St., Montreal	HA 1874
Ross, Alison E.	B.A. 4	367 Metcalfe Ave., Westmount, Que.	FI 0678
Ross, Charles A.	B.A. 4	3440 Grey Ave., Montreal, Que.	DE 6013
Ross, Colin J. G.	B.Sc. 1	536 Roslyn Ave., Westmount, Que.	DE 1614
Ross, Donald B.	Agr. 4	Macdonald College, Que.	Ste. A 87
		Inverness, N.S.	
Ross, Dorothy J.	Grad. Sch	367 Metcalfe Ave., Westmount, Que.	FI 0678
Ross, F. Donald	Arts P	Chomedy Apts., Cote des Neiges Rd., Montreal	
		Box 370, Quebec City, Que.	
Ross, Henry U.	Grad. Sch	3581 University St., Montreal	MA 3842
		8 McLeod St., Ottawa, Ont.	
Ross, John F.	Eng. 3	3506 University St., Montreal	MA 2055
		1128 Riverdale Ave., Calgary, Alta.	
Ross, Lorna R.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		Drummond Road, Sherbrooke, Que.	
Ross, Reginald L.	B.A. 3	2676 Soissons Ave., Montreal	
		Box 30, Newport, N.S.	
Ross, R. Ian	B.A. 1	Douglas Hall, Montreal	BE 2885
		2031 Runnymede Ave., Victoria, B.C.	
Ross, Rosamond H.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		Box 207, Field B.C.	
Rossiter, Ernest	Com. 3	21 De Casson Road, Westmount, Que.	WI 4953
Rossiter, Mary E.	B.A. 1	21 De Casson Road, Westmount, Que.	WI 4953
Rothschild, Robert P.	Eng. 4	2068 Sherbrooke St. W., Montreal	WI 1851

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Rotman, L. Ross	Med. 4	143 Villeneuve St. W., Montreal	DO 4319
Rousell, Murray A	Com. 3	5595 Dunmore Ave., Montreal	AT 3121
Rousseau, Frank	Eng. 4	10915 St. Denis St., Montreal	DU 3017
Routh, Randolph F	Law 1	2356 Hampton Ave., Montreal	DE 2532
Routledge, James H	Med. 1	3483 Peel St., Montreal	LA 0643
		Unity, Sask.	
Routly, William J	Eng. 2	8034 Western Ave., Montreal West, Que.	DE 0649
Routtenberg, Constance	Lib. Sch	1577 Ducharme Ave., Outremont, Que.	CR 3593
Row, Douglas F	Eng. 1	772 Sherbrooke St. W., Montreal	PL 1156
		McMasterville, Que.	
Roy, Carol	B.A. 3	Royal Victoria College, Montreal	MA 9176
Roy, Ian B	B.A. 2	1326 Mount Royal Blvd., Montreal	CA 6792
Roy, Janet E	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		Howick, Que.	
Royer, Guy J	Eng. 2	1990 Rachel St. E., Montreal	AM 1454
Rubenstein, Sylvia	Arts P	915 Wilder Ave., Outremont, Que	AT 2382
Rubin, William H	Com. 2	3429 Vendome Ave., Montreal	DE 3445
Rublee, Edna W	B.A. 1	Royal Victoria College, Montreal	MA 9176
		East Berkshire, Vt.	
Rudd, Colin R	B.A. 3	3506 University St., Montreal	MA 2055
		Uttoxeter, Staffs., Eng.	
Ruddick, Donald W. H	B.A. 4	1499 Crescent St., Montreal	MA 5926
Ruddick, Robert B	B.Sc. 4	1499 Crescent St., Montreal	MA 5926
Rudy, Abe A	Eng. 4	59 Duluth St. E., Montreal	
Rugg, Henry H	Eng. 3	2061 St. Luc St., Apt. 5, Montreal	WI 8756
		155 Queen St., Sherbrooke, Que.	
Rundall, Margaret	Lib. Sch	1469 Drummond St., Montreal	PL 2061
		1919 Lake Ave., Whiting, Indiana.	
Ruschin, Louis J	Med. 4	3558 Lorne Ave., Apt. 4, Montreal	MA 3129
		Newark, Calif.	
Rusk, Ruth	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		5395 Sherbrooke St. W., Montreal.	
Russ, Frank H	Med. 4	3473 University St., Montreal	MA 4902
		81 Park Ave., Saranac Lake, N.Y.	
Russel, Bruce S	Arts P	4100 Cote des Neiges Rd., Apt. 8, Montreal	FI 7968
Russell, Carroll A	Med. 5	3559 University St., Montreal	BE 3681
		135-2nd St., Watsonville, Calif.	
Russell, Ernest H. H	Eng. 3	24 Chesterfield Ave., Westmount, Que.	DE 4206
Russell, Gordon P	Eng. 1	2358 Grand Blvd., Montreal	EL 3517
Russell, Harold G	Eng. 2	2358 Grand Blvd., Montreal	EL 3517
Russell, Robert A	Com. 1	722 Victoria Ave., Westmount, Que.	EL 0893
Rusyn, Mary	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		2797 Ontario St. E., Montreal.	
Rutherford, Ronald M	Eng. 4	772 Sherbrooke St. W., Montreal	PL 1156
		Revelstoke, B.C.	
Ryan, A. Patricia	B.A. 4	6 Sunnyside Ave., Westmount, Que.	WE 3419
Ryan, F. Geraldine	Arts P	6 Sunnyside Ave., Westmount, Que.	WE 3419
Sabbath, Lawrence L	Law 2	4375 Oxford Ave., Montreal	EL 1241
Sabia, Michael J	Med. 5	419 Prince Arthur St., Montreal	HA 1088
		77 Victoria Ave. N., Hamilton, Ont.	
Sabloff, Ernest G	B.Sc. 3	725 Upper Roslyn Ave., Westmount, Que.	EL 1373
Sabloff, Murray D	Com. 1	725 Upper Roslyn Ave., Westmount, Que.	EL 1373
Sacks, Reuben	Dent. 1	653 Bloomfield St., Montreal	DO 5886
Sadler, James A	Eng. 3	440 Egan Ave., Verdun, Que.	
Sadler, Olive M	Med. 3	3617 Lorne Crescent, Montreal	PL 5746
		Patricia Bay, Sidney, B.C.	
Sadovsky, Vincent J	Med. 3	772 Sherbrooke St. W., Montreal	PL 1156
		25 Paradise Row, Saint John, N.B.	
Sahler, Charles O	Med. 2	548 Prince Arthur St. W., Montreal	MA 7845
		194 Culver Rd., Rochester, N.Y.	
Sahni, Prem Prakash	Dent. 4	3504 Durocher St., Montreal	HA 0363
		c/o Mr. G. P. Sahni, Box 200, Lahore, India.	
Saint-Martin, Madeleine	Arts P	2464 Fullum St., Montreal	AM 6929
Salhany, Fred B	Com. 2	1441 Drummond St., Montreal	MA 4171
		24 Fifth St., Shawinigan Falls, Que.	Local 621

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Salisbury, Herbert F.	Grad. Sch.	Macdonald College, Que.	Ste. A 87
		1779 East 41st Ave., Vancouver, B.C.	
Salmonovitz, Melvin	B.A. 3.	3608 Oxenden Ave., Montreal	MA 2591
		120 Murray Ave., Quebec, Que.	
Salomon, Esther	B.A. 4.	505 Grosvenor Ave., Westmount, Que.	DE 1749
Saltibus, Joseph M. A.	B.Sc. 1.	772 Sherbrooke St. W., Montreal	PL 1156
		Casties, St. Lucia, B.W.I.	
Saltzman, Bessie R.	Com. 4.	160 St. Viateur St. W., Montreal	CR 1651
Salvadorini, Vasco	Med. 2.	3474 McTavish St., Montreal	LA 7645
		Box 175, Hayward, Calif.	
Sanchini, Leo Elio	B.A. 3.	7657 St. Dominique St., Montreal	DO 4172
Sandberg, J. Warren	Eng. 2.	3434 McTavish St., Montreal	PL 6773
		692 Fisher St., Winnipeg, Man.	
Sander, H. Gerhard F.	Grad. Sch.	1448A Mountain St., Apt. 5, Montreal	HA 0522
		Karlstr. 75, Freiburg, i/B, Germany.	
Sapera, Meryl	B.A. 4.	3762 Westmount Blvd., Westmount, Que.	FI 8831
Sauder, Frederick J.	Eng. 2.	3592 University St., Montreal	PL 2435
		639-11th St. S., Lethbridge, Alta.	
Saunders, Charles A. L.	B.A. 2.	3437 Peel St., Montreal	PL 1674
		117 Holland Rd., London W. 14, England.	
Saunders, Wilbert E.	Eng. 3.	3506 University St., Montreal	MA 2055
		19 Woods St., Kirkland Lake, Ont.	
Savage, Edith E.	B.A. 2.	3459 Peel St., Montreal	PL 1066
Savage, Victor L.	Eng. 1.	37 Church Hill Westmount, Que.	WA 5787
Sawyer, Carl S.	Med. 4.	627 Milton St., Apt. 4, Montreal	HA 0657
		182 Waterman St., Providence, R.I.	
Sayre, George P.	Med. 5.	1477 Sherbrooke St. W., Montreal	WI 7606
		Rensselaer Rd., Essex Falls, N.J.	
Sayre, John F.	Eng. 4.	3653 University St., Montreal	PL 2073
		Rothesay, N.B.	
Schachter, Melville	B.Sc. 1.	4869 Esplanade Ave., Montreal	DO 8201
Schecter, Benjamin	Law 2.	3422 Durocher St., Apt. 16, Montreal	LA 1838
Scheffer, Nessye	B.A. 3.	639 Querbes Ave., Outremont. Que.	DO 7289
		61 Manseau Blvd., Joliette, Que.	
Schenker, Victor	B.Sc. 3.	3660 Hutchison St., Apt. 17, Montreal	MA 1807
Schlemm, Garry	Arts P.	3029 St. Sulpice Rd., Montreal	FI 4225
Schmuckler, Eli C.	Med. 4.	4213 St. Urbain St., Montreal	LA 1656
Schnaufer, Norman F.	B.Sc. 1.	0641 Charlevoix St., Montreal	FI 8890
Schneerer, Frederick G.	Med. 4.	545 Pine Ave. W., Montreal	MA 1545
		No. 6 Newton St., Norwalk, Ohio.	
Schneiderman, Clarence	B.A. 3.	484 Champagneur Ave., Outremont, Que.	CA 6942
Schneiderman, Clarence K.	Med. 1.	470 Villeneuve St. W., Montreal	DO 9605
Schoeck, Richard Joseph	B.Sc. 1.	Douglas Hall, Montreal	BE 2885
		90 Monroe Dr., Williamsville, N.Y.	
Schofield, Marjorie L.	Music.	3311 Cedar Ave., Westmount, Que.	WE 1762
Schofield, Ruth E.	Phys. Ed. 1.	340 Ballantyne Ave., Montreal West, Que.	DE 6619
Schofield, William D.	Eng. 2.	340 Ballantyne Ave., Montreal West, Que.	DE 6619
Scholnick, Jeannette	B.A. 3.	4286 Laval Ave., Montreal	
Schuster, Emile G.	Med. 3.	1441 Drummond St., Montreal	MA 4171
		1226-Hampel St., Oakland, Calif.	
Schwab, John B.	B.Sc. 3.	4379 Western Ave., Westmount, Que.	WE 6219
Schwager, Paul G.	Med. 4.	3483 Peel St., Montreal	LA 0643
		839 University Drive, Saskatoon, Sask.	
Schwartz, Harry	Grad. Sch.	483 Querbes Ave., Outremont, Que.	DO 8174
Schwartz, Harry H.	Eng. 4.	5230 Clarke St., Montreal	CR 9011
Schwartzman, Jack.	Eng. 2.	4863 Hutchison St., Montreal	CR 3775
Schwartzman, Jacob C.	Med. Partial.	2171 St. Catherine St. W., Apt. 1, Montreal	FI 1711
Scobie, Annie M.	B.A. 2.	Royal Victoria College, Montreal	MA 9177
		969 Wellington St., Ottawa, Ont.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Scofield, Catherine A.	B.A. 4	329 Roslyn Ave., Westmount, Que.	DE 1479
Scotcher, Charles W. D	Grad. Sch	4090 Royal Ave., Montreal	WA 1156
		100 Repingham Rd., London S.W., 18, England.	
Scott, Ainsworth D. H.	Eng. 3	2029 Metcalfe St., Apt. 9, Montreal	LA 7558
		"Elmazina", Halfway-Tree, Jamaica, B.W.I.	
Scott, Donald B	Grad Sch	3407 Peel St., Montreal	HA 3639
		20 Albemarle Ave., Toronto, Ont.	
Scott, Fred. A.	B.Sc. 4	3647 University St., Montreal	MA 2806
Scott, George N.	Eng. 3	2620 Rushbrooke St., Montreal	FI 4545
Scott, H. Crawford	Theol.	3485 McTavish St., Montreal	PL 1649
		Medicine Hat, Alberta.	
Scott, Henry J.	Med. 1	611 Sydenham Ave., Westmount, Que.	WE 4324
Scott, James A.	Med. 2	3505 Lorne Ave., Montreal	HA 1385
		Scotstown, Que.	
Scott, Jean F.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		2104 Vendome Ave., Montreal.	
Scott, Margaret L.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		43 Rosebery Ave., Ottawa, Ont.	
Scott, Mary E.	B.A. 3	Royal Victoria College, Montreal	MA 9176
		53 Grove St., Wellesley, Mass.	
Scott, Roberta A.	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		Scotstown, Que.	
Scott, Walter B	Eng. 1	3514 Lorne Ave., Montreal	MA 6743
		Stanstead, Que.	
Scott, Wilma	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		Scotstown, Que.	
Scrimger, Jean L.	B.A. 2	1389 Redpath Crescent, Montreal	PL 4782
Scrogg, Thomas G.	Law 3	772 Sherbrooke St., Montreal	PL 1156
Seale, Mary E.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		Morin Heights, Que.	
Seale, Myrtle M.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		57 Jeanne d'Arc St., Quebec, Que.	
Sedlezky, Isadore	Med. 5	5327 Park Ave., Montreal	DO 0342
Seely, Margot V.	Lib. Sch	1636 Seaforth Ave., Montreal	FI 1313
Segal, Sydney	B.Sc. 1	3668 Drocher St., Montreal	PL 3783
Segall, Sydney	B.A. 4	3845 Decarie Blvd., Apt. 12, Montreal	DE 7694
Seidel, Judith	Grad. Sch	615 Bbomfield Ave., Outremont, Que.	CA 3126
Seifert, Louise E.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		93 Ave des Braves, Quebec, Que.	
Seime, Reuben I.	Med. 5	902 Burnside Pl., Montreal	LA 7557
		Viroqua, Wis., U.S.A.	
Selmser, Calbert B.	Grad. Sch	Douglas Hall, Montreal	BE 2885
		11 Walnut St., Gloversville, N.Y.	
Selye, Rebecca L.	Arts P	2055 Mansfield St., Montreal	LA 6665
Serbinova, Ariadna A.	B.Sc. 2	3588 St Famille St., Montreal	
Sergeyeva, Maria Q.	Grad. Sch	6419-11th Ave., Rosemount, Que.	
Sergi, Francis J	Eng. 1	772 Sherbrooke St. W., Montreal	PL 1156
		La Tuque, Que.	
Sessenwein, Robert	B.Sc. 1	470 Strathcona Ave., Westmount, Que.	WE 5854
Seton, Leonard A.	B.A. 3	Douglas Hall, Montreal	BE 2885
		117 Brock Ave. S., Montreal West, Que.	
Sevigny, Treffle G.	Agr. 1	Macdonald College, Que.	Ste. A 87
		4315 Melrose Ave., Montreal.	
Seville, Arthur F.	Eng. 3	74-34th Ave., Lachine, Que.	
Seybold, Mary M	B.Sc. 1	331 Lansdowne Ave., Westmount, Que.	WE 5583
Shagass, Charles	B.Sc. 2	134 Clermont Ave., Montreal	MA 0060
Shalinsky, Phyllis G	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		4251 Marcil Ave., Montreal.	
Shane, Gerald	Grad. Sch	2333 Madison Ave., Montreal	DE 5812
Shapera, Irving	Law 2	3511 Grouard Ave., Montreal	DE 3766
Shapiro, Bernard J.	B.Sc. 1	660 Querbes Ave., Outremont, Que.	CR 2989
Shapiro, Ernest	B.A. 3	3608 Oxenden St., Montreal	MA 2591
		92 Mairese Ave., Quebec, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Shapiro, Lorne	Med. 4	8 St. George's Place, Westmount, Que.	WA 3952
Shapiro, Louis A.	B.A. 2	4520 St. Urbain St., Montreal	LA 8574
Sharp, Elizabeth H.	B.A. 2	610 Carleton Ave., Westmount, Que.	WE 6635
Shatsky, Rhoda	Phys. Ed. 2	5881 Sherbrooke St. W., Montreal	WA 2180
Shaughnessy, Thomas B.	Law 1	6 Richelieu Place, Montreal	HA 9693
Shaw, Constance E. P.	Arts P	1272 Redpath Crescent, Montreal	PL 2801
Shaw, Edith H.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		80 Upper Prince St., Charlottetown, P.E.I.	
Shaw, Ian B.	Com. 3	1436 St. Mark St., Montreal	WE 4190
Shaw, John L. D.	Grad. Sch	Macdonald College, Que.	Ste. A 87
		Apt. 3, Sheffield Court, Church Ave., Winnipeg, Man.	
Shaw, John N. B.	B.Sc. 4	1505 MacKay St., Montreal	PL 0820
Shea, Edna M. M.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		89 Tenth St., Limoilou, Que.	
Shea, James E.	Med. 2	468 Mountain Ave., Westmount, Que.	WE 6427
Shecter, Una R.	Grad. Sch	1433 Bishop St., Apt. 8A, Montreal.	
Sheffield, Edward F.	Grad. Sch	1441 Drummond St., Montreal	MA 8331
Sheperd, Janet McL.	B.A. 4	3973 Joseph St., Verdun, Que.	
Shepherd, Nancy D.	B.H.S. 4	Macdonald College, Que.	Ste. A 98
		Palliser Hotel, Calgary, Alta.	
Shepley, Doris M.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		3421 St. Urbain St., Montreal.	
Sheppard, John A.	Med. 4	3556 Shuter St., Montreal	MA 8788
		307 Summit No., Seattle, Wn., U.S.A.	
Sheridan, Philip H.	Med. 5	457 Sherbrooke St., Apt. 3, Montreal.	LA 5051
		3 Pleasant St., Blackstone, Mass.	
Ship, Reuben	B.A. 3	1461 Stanley St., Montreal	HA 4313
Shipley, John H.	Grad. Sch	2063 Stanley St., Montreal	MA 9038
		9247-117th St., Edmonton, Alta.	
Shizgal, David T.	Dent. 3	5377 Esplanade Ave., Montreal	CR 2658
Short, Charles A.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 87
		Bedford, Que.	
Short, Douglas A.	Com. 3	697 Bloomfield Ave., Outremont, Que.	CA 6095
Shragovitch, Israel	Med. 4	6151 Durocher Ave., Outremont, Que.	DO 3638
Shucat, Wilfred	B.A. 1	632 Dollard Blvd., Outremont, Que.	CA 7483
Shugar, David	Grad. Sch	4071 Esplanade Ave., Montreal	LA 5816
Shugar, Joseph L.	B.Sc. 2	5398 Esplanade Ave., Montreal	CR 2553
Shulman, Eleanor	B.A. 2	4379 Westmount Ave., Westmount, Que.	WE 1905
Shuman, Richard	Med. 1	522 Prince Arthur St., Montreal	HA 9759
		Hough St., Dover, N.H.	
Sibley, Leonard H.	B.Sc. 3	7428 Stuart Ave., Montreal	DO 7278
Silver, Ethel	B.A. 1	757 Davaar Ave., Outremont, Que.	CR 1568
Silver, Reuben	B.A. 3	757 Davaar Ave., Outremont, Que.	CR 1568
Silver, Samuel	Med. 5	4261 Laval Ave., Montreal	HA 4304
Silverman, Seymour B.	B.Sc. 1	3511 Vendome Ave., Montreal	EL 8422
Silverstone, Ralph	Dent. 2	2194 Rachel St. E., Apt. 9, Montreal.	FR 7474
Simand, Ruth F.	B.A. 2	9 Gladstone Ave., Westmount, Que.	FI 7364
Simard, Arthur	Law 1	775 Lexington Ave., Westmount, Que.	DE 2984
Simburg, Israel J.	Med. 5	Jewish General Hospital, 3755 St. Catherine Rd., Outremont, Que.	WA 2701
		Vegreville, Alta.	
Siminovitch, David	Grad. Sch	727A de l'Epee Ave., Outremont, Que.	DO 2370
Siminovitch, Louis	B.Sc. 1	727A de l'Epee Ave., Outremont, Que.	DO 2370
Siminovitch, Moe	Med. 2	5115 Esplanade Ave., Montreal	CR 7053
Simkover, Harry	B.A. 2	1839 Lincoln Ave., Apt. 11, Montreal	WI 8717
Simons, Edward A. D.	B.Sc. 2	2195 Addington Ave., Montreal	DE 6893
Simpson, Edmund E.	Med. 4	3626 St. Urbain St., Montreal	HA 9828
		129 Crescent Ave., Burlingame, Calif.	
Simpson, Francis W.	B.Sc. 1	1703 William David Ave., Montreal	CL 3704

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Simpson, Howard S.	Law 3	34 Winchester Ave., Westmount, Que.	DE 2608
Simpson, James A.	Eng. 2	24 Redpath Place, Montreal	HA 4606
Simpson, Margery E.	B.A. 1	24 Redpath Place, Montreal	HA 4606
Simpson, William T.	B.Sc. 1	5207 Trans Island Ave., Montreal	DE 6151
Sims, Felicie	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal	WA 2771
		4545 Mayfair Ave., Montreal.	
Singer, Gerald	Eng. 4	1560 Van Horne Ave., Montreal	DO 5237
Singman, Reuben	B.Sc. 1	1336 Lajoie Ave., Outremont, Que.	CA 4432
Sirota, Anne	B.A. 2	5418 Esplanade Ave., Montreal	
Skaperdas, Alexander T.	B.Sc. 2	540 St. Catherine Rd., Outremont, Que.	CA 6802
Skelton, David M.	Arch. 3	3429 Peel St., Montreal	PL 7385
		188 Queen St., Sherbrooke, Que.	
Skelton, John M.	Com. 3	18 Aberdeen Ave., Westmount, Que.	WE 1415
Skelton, Philip E.	Eng. 2	18 Aberdeen Ave., Westmount, Que.	WE 1415
Skey, Arthur J.	Grad. Sch	3437 Peel St., Montreal	PL 1674
		562 Huron St., Toronto, Ont.	
Skillings, Cherra M.	Arts P	3485 Van Horne Ave., Montreal	AT 1522
Skinner, Catherine F.	B.A. 2	1962 St. Luke St., Montreal	WI 4488
Skinner, Roland W.	Eng 3	4516 Marcil Ave., Montreal	EL 5599
Slabotsky, Charlotte	B.A. 4	1541 St. Mark St., Apt. 16, Montreal.	WI 8772
Slack, Dorothea M.	B.A. 3	46 Academy Rd., Apt. 17, Westmount, Que.	FI 6024
Slaten, Edward F.	Med. 3	3626 Lorne Crescent, Montreal	
		Peninsula, Oahu, Terr. of Hawaii.	
Slobod, Edward M.	Eng. 1	220 Bernard St. W., Montreal	CR 8445
Smaill, Bruce P.	B.A. 4	4478 St. Catherine St., Westmount, Que.	WE 2375
Small, John T.	Med. 2	3417 Hutchison St., Apt. 8, Montreal	HA 6093
		214 Franklin Place, Rockford, Ill.	
Smith, A. Macrae	Med. 5	Bellingham, Washington.	
Smith, Albert B.	Med. 5	495 Prince Arthur St., Apt. 20 Montreal	LA 8966
		55 So. Broad St., Norwich, N.Y.	
Smith, Angus M.	B.A. 1	761 Upper Lansdowne Ave., Westmount, Que.	EL 2291
Smith, Charles L.	B.Sc. 2	3794 Marcil Ave., Montreal	EL 1235
Smith, P. Durnford P.	Grad. Sch	42 Windsor Ave., Westmount, Que.	DE 2022
Smith, Eric R.	Agr. 2	Macdonald College, Que.	Ste. A 87
		5663 Durocher St., Outremont, Que.	
Smith, Rev. Sister Esther	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal	WA 2771
Smith, G. Abbott	Med. 1	1441 Drummond St., Montreal	MA 4171
		R.D. No. 1, Box 795, Orange, Calif.	
Smith, George R.	Grad. Sch	Box 197 Macdonald College, Que.	Ste. A 87
		379 Prince St., Truro, N.S.	
Smith, Gerald J.	B.A. 3	5230 Trans Island Ave., Montreal	DE 5001
Smith, Harry J.	Eng. 2	Douglas Hall, Montreal	BE 2885
		Ferris Lane, Poughkeepsie, N.Y.	
Smith, Henry D.	Med. 4	3581 University St., Montreal	LA 7009
		Hawkesbury, Ont.	
Smith, Henry L.	B.A. 2	3606 Marlowe Ave., Montreal	DE 7574
Smith, Irene C.	Arts P	4839 Westmount Ave., Westmount, Que.	DE 5508
Smith, Irwin T.	Med. 2	3581 University St., Montreal	LA 7009
		Hawkesbury, Ont.	
Smith, Joan M.	Arts P	3019 St. Sulpice Rd., Westmount, Que.	FI 5474
Smith, John A.	Theol. 1	3485 McTavish St., Montreal	PL 1649
		North Sydney, N.S.	
Smith, John R.	Med. 4	3023 Metcalfe St., Apt. 9, Montreal.	HA 6365
		Dominion, Cape Breton, N.S.	
Smith, Kenneth W.	Med. 2	426 Prince Albert Ave., Westmount, Que.	DE 4961
Smith, Lloyd W.	Com. 4	31 Crescent St., St. Lambert, Que.	St. L 726W
Smith, Ronald B.	Med. 1	5663 Durocher Ave., Outremont, Que.	CR 6733

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Smith, Ruby E. J.	Phys. Ed. Grad.	501 Claremont Ave., Westmount, Que.	EL 9790
Smith, Ruth P.	Grad. Nurses	4 Oldfield Ave., Apt. 6a, Montreal	WI 8658
Smith, S. B.	Theol. 3	1230 Fort St., Apt. F, Montreal	FI 2319
Smith, Stanley A.	B.A. 2	3671 Jeanne Mance St., Montreal	HA 5653
Smith, Stanley G.	Grad. Sch.	Dept. of Zoology, University College, Gower St., London, Eng.	
Smith, Stedman W.	Med. 2	345 Pine Ave. W., Montreal	MA 1545
		Mead Point Drive, Greenwich, Conn.	
Smith, Walter M.	Grad. Sch.	1434 St. Mark St., Montreal	WI 4559
Smith-Johannsen, Ralph	Com. 1	Douglas Hall, Montreal	BE 2885
		61 Pierrepont St., Brooklyn, N.Y.	
Smyth, Duncan C.	Med. 2	409 Prince Arthur St. W., Montreal	PL 5395
		Green Harbor, Mass.	
Smyth, James B.	Eng. 2	Douglas Hall, Montreal	BE 2885
		Swift Current, Sask.	
Snelgrove, William H.	Eng. 4	4011 Grey Ave., Montreal	DE 3311
Snell, Harold M.	B.A. 2	3434 McTavish St., Montreal	PL 6773
		Farfields, Rusthall, Tunbridge Wells, England.	
Snilner, Julian W.	Agr. 2	Macdonald College, Que.	Ste. A 87
		P.O. Box 316, Shawinigan Falls, Que.	
Snowdon, Isobel E.	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		925 Durham Ave., Calgary, Alta.	
Snyder, Howard P.	Med. 5	3528 Lorne Ave., Apt. 7, Montreal..	
		6 East Union Ave., Boundbrook, N.J.	
Snyder, William G.	Eng. 4	2063 Stanley St., Montreal	MA 9038
		11734-95A St., Edmonton, Alta.	
Soicher, Percy	Eng. 2	154 Bagg Ave., Outremont, Que.	HA 5884
Soley, Russell C.	Grad. Sch.	550 Milton St., Montreal	LA 7036
		Upper Kennetcook, Hants. Co., N.S.	
Solin, Cecil D.	Grad. Sch.	5120 Mance St., Montreal	CR 7411
Solomon, David N.	B.A. 3	127 Arlington Ave., Westmount, Que.	WE 4556
Solomon, Naomi S.	Arts P.	459 Argyle Ave., Westmount, Que.	WE 4315
Somerville, Robert B.	Med. 5	902 Burnside St., Montreal	LA 7557
		Bristoe, N.B.	
Soper, Warren Y.	B.A. 1	3246 Cedar Ave., Montreal	WE 1666
Soroka, Jack	Eng. 1	121-7th Ave., Lachine, Que.	Lachine 631-F
Sotto, Faustino R.	Eng. 1	1441 Drummond St., Montreal	MA 4171
		Sta. Rita Baja No. 7, Santiago de Cuba.	
Sourkes, Theodore	B.Sc. 3	6116 Durocher Ave., Apt. 14, Outremont, Que.	CA 8697
Southam, Basil G.	Com. 1	Douglas Hall, Montreal	BE 2885
		15 Inglewood Drive, Hamilton, Ont.	
Spearman, Donald	B.Sc. 1	2 Grove Park, Westmount, Que.	FI 1217
Spence, J. M.	Theol. 2	3506 University St., Montreal	MA 2055
		Enniskillen, Ireland.	
Spencer, C. Wilson	Agr. 3	Macdonald College, Que.	Ste. A 87
		5981 Cote St. Antoine Road, Montreal.	
Spencer, Elden E.	Com. 1	Douglas Hall, Montreal	BE 2885
		Frelighsburg, Que.	
Spencer, Robert A.	B.A. 1	5981 Cote St. Antoine Rd., Montreal	DE 3610
Spencer, Thomas B.	Med. 4	3550 Lorne Ave., Montreal	HA 4689
		1718 Queen's Road, Charlotte, N.C.	
Spielberg, Elmar V.	B.A. 1	71 Milton St., Montreal	
Spielman, Harold D.	B.A. 3	632 Murray Hill, Westmount, Que.	WE 4836
Spielman, Mariota L.	B.A. 3	632 Murray Hill, Westmount, Que.	WE 4836
Spinney, Katherine R.	Lib. Sch.	1241 Bishop Street, Montreal	HA 5224
		Yarmouth, N.S.	
Spinney, Ruth J.	B.A. 1	621 Carleton Ave., Westmount, Que.	WE 1681
Spivack, John D.	B.Sc. 1	705 Querbes Ave., Apt. 1, Outremont, Que.	CR 2288
Spivack, Thelma	Com. 1	4847 Jeanne Mance St., Montreal	DO 8434
Sprenger, Eric A.	Eng. 3	4342 Beaconsfield Ave., Montreal	EL 2454
Sprott, Enid A.	B.A. 2	4566 Wilson Ave., Montreal	EL 2452

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Sproule, David L.	B.Sc. 1	39 Thornhill Ave., Westmount, Que.	WE 1894
Stafford, Rachel M.	B.A. 2	5410 Duquette Ave., Montreal	DE 9102
Stalker, Alexander M.	B.A. 1	3650 Northcliffe Ave., Montreal	EL 0615
Standish, Granville N.	B.A. 2	3473 University St., Montreal	MA 4902
		Farnham, Que.	
Standish, Norman E.	Agr. 1	Macdonald College, Que.	Ste. A 87
		Farnham, Que.	
Stanier, Diana M.	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9176
		Cobble Hill, V.I., B.C.	
Stanfield, Gordon D.	Eng. 3	Douglas Hall, Montreal	BE 2885
		437 Prince St., Truro, N.S.	
Staniforth, Harold F.	Eng. 3	715 Grosvenor Ave., Westmount, Que.	EL 2218
Stanley, Conchil N.	B.Sc. 1	268 Trenton Ave., Mount Royal, Que.	AT 0378
Stanley, James P.	Eng. 4	559 Lansdowne Ave., Westmount, Que.	WE 5057
Stanley, Sherburn M.	Med. 2	545 Pine Ave. W., Montreal	MA 1545
		232 Lakeshore Drive, Asheville, N.C.	
Stanton, F. Elizabeth.	B.A. 2	Royal Victoria College, Montreal	MA 9176
		Grande Ligne, Que.	
Stapells, Evelyn R.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		4902 Lacombe Ave., Montreal.	
Stapells, Phyllis M.	Phys. Ed. 2	4902 Lacombe Ave., Montreal	DE 3628
Stapells, Robert F.	B.Sc. 1	4902 Lacombe Ave., Montreal	DE 3628
Stapelton, David O.	Eng. 4	1130 Sherbrooke St. W., Montreal	LA 7023
		Sands, Don Bridge, Jersey, Channel Isles.	
Starkey, J. Leonard.	Music	4559 Madison Ave., Montreal	EL 1533
Starr, John C.	Eng. 4	2511 Mayfair Ave., Montreal	EL 5331
Steele, Alex. C.	Eng. 1	65 Forden Ave., Westmount, Que.	WE 4454
Steele, Lois.	Agr. 2	Macdonald College, Que.	Ste. A 98
		95 Second Ave., Ottawa, Ont.	
Steeves, Lea C.	Med. 2	548 Prince Arthur St. W., Montreal.	MA 7845
		108 Mountain Road, Moncton, N.B.	
Stenstrom, James A.	Eng. 3	15 Grenville Ave., Westmount, Que.	FI 6703
Stenstrom, John D.	Med. 5	15 Grenville Ave., Westmount, Que.	FI 6703
Stenstrom, Mary L.	Homemaker	Macdonald College, Que.	Ste. A 98
		15 Grenville Ave., Westmount, Que.	
Stephen, C. Ronald.	Med. 2	4272 Hampton Ave., Montreal	EL 1849
Stern, Herbert.	B.Sc. 2	4865 Hutchison St., Montreal	DO 9274
Stern, Lloyd G.	B.A. 3	376 Redfern Ave., Westmount, Que.	FI 1048
Sterns, Mildred L.	B.H.S. 2	Macdonald College, Que.	Ste. A 98
		31 Catherine St., Glace Bay, N.S.	
Sterns, William M.	B.Sc. 3	3437 Peel St., Montreal	PL 1674
		63 Cartier St., Ottawa, Ont.	
Stevens, Louisa E.	Arts P	758 Sherbrooke St. W., Montreal	MA 6878
Stevenson, Andrew A.	Arts P	73 Percival Ave., Montreal West, Que.	EL 8040
Stevenson, Ben. R.	B.Sc. 1	1545 Drummond St., Apt. 1, Montreal	MA 2643
Stevenson, Gordon H.	Dent. 1	1441 Drummond St., Montreal	MA 4171
		Mooers, N.Y.	
Stevenson, James A. F.	Grad. Sch	Douglas Hall, Montreal	BE 2885
Stevenson, Katherine.	B.A. 3	1545 Drummond St., Montreal	MA 2643
Stevenson, Rita S.	Arts P	4250 Marcil Ave., Montreal	DE 4798
Stevenson, T. Kerr.	B.A. 2	3605 University St., Montreal	MA 3101
		390 Lisgar Road, Rockcliffe Park, Ottawa, Ont.	
Stewart, Arthur J.	Med. 5	3483 Peel St., Montreal	LA 0643
		Prince Rupert, B.C.	
Stewart, Beatrice L.	B.A. 4	565 Roslyn Ave., Westmount, Que.	EL 9555
Stewart, Catherine E.	B.A. 4	4286 Sherbrooke St. W., Montreal	WI 8684
Stewart, Donald F.	Agr. 4	Macdonald College, Que.	Ste. A 87
		69 Rochford St., Charlottetown, P.E.I.	
Stewart, Douglas.	Music	4425 Harvard Ave., Montreal	DE 4646
Stewart, George.	Theol. 1	3485 McTavish St., Montreal	PL 1649
		New Glasgow, N.S.	
Stewart, George W.	Eng. 2	3506 University St., Montreal	MA 2055
		P.O. Box 254, Assiniboia, Sask.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Stewart, Gordon S.	Agr. 4	Macdonald College, Que. Inverness, Que.	Ste. A 87
Stewart, James J.	Eng. 1	5876 Notre Dame St. E., Montreal	CL 0429
Stewart, Jean T.	B.H.S. 1	Macdonald College, Que. 211 Connaught Road, Kamloops, B.C.	Ste. A 98
Stewart, John	Com. 3	4324 Montrose Ave., Westmount, Que.	WE 2457
Stewart, John W	Eng. 1	3489 Stanley St., Montreal	PL 3695
Stewart, Kathryn D	Homemaker	Macdonald College, Que. 246 Clemow Ave., Ottawa, Ont.	Ste. A 98
Stewart, Margaret R.	B.H.S. 2	Macdonald College, Que. Waba, Ont.	Ste. A 98
Stewart, Margaret R.	B.A. 4	Royal Victoria College, Montreal c/o Royal Bank of Canada, Havana, Cuba.	MA 9176
Stewart, Mary	B.A. 2	4324 Montrose Ave., Westmount, Que.	WE 2457
Stewart, Murray G.	Com. 2	101 Dobie Ave., Town of Mount Royal, Que.	AT 0845
Stewart, William T.	B.A. 2	32 Edgehill Road, Westmount, Que.	WE 5965
Stikeman, Harry E.	Law 3	9 Redpath Row, Montreal	FI 4043
Stirling, Hylda B.	Com. 1	143 Wolseley Ave., Montreal West, Que.	DE 8226
Stobbe, Peter C.	Grad. Sch	Macdonald College, Que.	Ste. A 38
Stoby, Reginald A.	Dent. 1	3553 Lorne Ave., Montreal 213 West 139th St., New York City.	
Stockdale, Ethel J.	Teachers' (Inter.)	Macdonald College, Que. 8 Hindland Ave., Montreal South, Que.	Ste. A 98
Stockton, Laurence S.	Com. 1	Room 441, 1441 Drummond St., Montreal	MA 4171
Stockwell, William G.	Dent. 4	521 Prince Arthur St. W., Montreal Stanstead, Que.	HA 1839
Stone, Archibald C.	Med 5	Shriner's Hospital, Montreal 206 Victoria Ave., Chatham, Ont.	PL 4464
Stone, Edward C.	B.Sc. 2	1 Jeannette Ave., St. Lambert, Que.	St. L 1062
Stopps, F. Sidney	Eng. 1	3506 University St., Montreal P.O. Box 369, Cochrane, Ont.	MA 2055
Storey, Donald R.	B.Sc. 1	5201 Decarie Blvd., Montreal Ivry North, Que.	EL 5307
Storey, Gordon W.	Eng. 3	4368 Coolbrooke Ave., Montreal	DE 1871
Storrs, Bruce D.	Med. 2	3505 Lorne Ave., Montreal Morrisville, N.Y.	HA 1385
Stout, Joseph H.	Med. 4	3622 Lorne Crescent, Apt. 4, Montreal 722 S. Sycamore Ave., Santa Ana, Calif.	LA 9578
Stovel, H. Vernon	Grad. Sch	2151 Lincoln Ave., Montreal	LA 7121
Stovel, John A.	B.Sc. 2	517 Pine Ave., Montreal 90 Waterloo, Winnipeg, Man.	HA 9914
Stovel, Samuel R.	Med. 1	3581 University St., Montreal Dome Mines, South Porcupine, Ont.	MA 3842
Strachan, Lois C.	B.A. 1	641 Belmont Ave., Westmount, Que.	WE 2179
Straker, Manuel	Med. 2	5602 Park Ave., Apt. 4, Montreal	CR 6995
Strath, Dorothy K.	Teachers' (Inter.)	Macdonald College, Que. 2260 Grand Blvd., Montreal.	Ste. A 98
Straub, Ramsay L.	Med. 3	3653 University St., Montreal 38 Mosswood Road, Berkeley, Calif.	PL 2073
Stromberg, Oscar O.	Med. 1	260 Pine Ave. E., Montreal	
Stronach, William N.	B.Sc. 1	5635 Dunmore Ave., Montreal	AT 1896
Strover, Wyndham A.	B.Sc. 2	754 Sherbrooke St. W., Apt. 7, Montreal 65 St. Ursule St., Quebec City, Que.	MA 6878
Stuart, William W.	Com. 2	3434 McTavish St., Montreal 197 Sunset Ave., Windsor, Ont.	PL 6773
Suffrin, Harry	Dent. 1	5629 St. Urbain St., Montreal	CR 0075
Sullivan, Dominica	Grad. Nurses P.	St. Mary's Hospital, Montreal South Nelson, N.B	WA 2771
Sullivan Philip B.	Med. 1	Douglas Hall, Montreal 57 Abbott St., Lawrence, Mass.	BE 2885

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Sutherland, Angus J	Grad. Sch	Macdonald College, Que River John, R. 4, Pictou Co., N.S.	Ste. A 87
Sutherland, Donald W	Com. 3	28 Arlington Ave., Westmount, Que	WE 2693
Sutherland, William H	Med. 1	Douglas Hall, Montreal 4311 Angus Drive, Vancouver, B.C.	BE 2885
Sutherland, Virginia C	Teachers' (Inter.)	Macdonald College, Que Noyan, Que.	Ste. A 98
Sutton Helen D	B.H.S 1	Macdonald College, Que 555 Argyle Ave., Westmount, Que.	Ste. A 98
Suzanne, Marguerite	Arts P	3436 Laval Ave., Montreal Leucate, Aude, France.	
Swalsky, Morris	Med. 3	82-8th Ave., Lachine, Que	Lachine 1108
Swan, James R	B.A. 1	6 Campbell Ave., Montreal West, Que	EL 3814
Sweet, Margaret H	B.A. 4	Royal Victoria College, Montreal Blue Mountain, Pictou Co., N.S.	MA 9176
Swinton, Ruth G	B.A. 4	4022 Oxford Ave., Montreal	DE 0833
Switzman, John	B.Sc. 1	4550 St. Urbain St., Montreal	
Sylvester, John L	Eng. 1	3637 University St., Montreal Pine St., Port Hope, Ont.	
Sylvester, Robert	B.A. 4	3592 University St., Montreal Hanover, Mass.	PL 2435
Symington, Elizabeth C	B.A. 2	3501 Peel St., Montreal	PL 6902
Syrop, Harold M	Dent. 2	521 Prince Arthur St. W., Montreal 950 Pennsylvania Ave., Miama Beach, Fla. Sunset Villa, Monticello, N.Y.	HA 1839
Tabah, Eddie	B.Sc. 3	4285 St. Hubert St., Montreal	FR 4130
Tait, Ingrid	B.A. 3	463 Mount Stephen Ave., Westmount, Que	WE 5040
Tait, Eric	Eng. 3	463 Mount Stephen Ave., Westmount, Que	WE 5040
Tait, William M	Med. 4	2276 Regent Ave., Montreal	DE 3179
Talbot, Ernest J	Med. 5	1058 St. Denis St., Montreal Valleyfield, Que.	HA 9121
Tannage, Edward G	B.A. 4	6714 St. Hubert St., Montreal	DO 5523
Tannenbaum, Beth Rose	B.A. 3	4911 Sherbrooke St., Westmount, Que	DE 1852
Tanner, Kathleen C. L	B.A. 1	Royal Victoria College, Montreal Midland, Ont.	MA 9176
Tanner, William J	Eng. 3	138-2nd St., Longueuil, Que	Longueuil 221
Tanton, T. Muncey	Med. 1	3483 Peel St., Montreal Summerside, P.E.I.	LA 0643
Tawse, Ronald P	B.Sc. 1	4657 Melrose Ave., Montreal	EL 1361
Taylor, Annie M	Teachers' (Elem.)	Macdonald College, Que Chaleurs, Bona. Co., Que.	Ste. A 98
Taylor, Bowman S	Law 2	1461 Mountain St., Apt. 26, Montreal	HA 2991
Taylor, Dorothy M	B.A. 4	1150 St. Viateur Ave., Outremont, Que	CA 7557
Taylor, Edward D. A	B.Sc. 1	5634 Orleans Ave., Rosemount, Que.	
Taylor, Graham C	B.Sc. 3	136 Vivian Ave., Town of Mount Royal, Que	AT 2907
Taylor, Jean W	B.A. 1	26-41st Ave., Lachine, Que	Lachine 393
Taylor, Jessie C	B.A. 2	Chateauguay Heights, Que Athelstan Que.	C.H. 26W
Taylor, Lorna M	Teachers' (Inter.)	Macdonald College, Que 6165 Durocher Ave., Outremont, Que.	Ste. A 98
Taylor, Thomas S	Com. 1	515 Roslyn Ave., Westmount, Que	DE 4175
Taylor, William B	Med. 4	3483 Peel St., Montreal Wynyard, Sask.	LA 0643
Taylor, William D	Grad. Sch	550 Milton St., Montreal Amherst, N.S.	LA 7036
Taylor, William L. W	B.Sc. 1	4290 Sherbrooke St. W., Montreal	FI 8874
Teahan, John W	Med. 4	620 Prince Arthur St. W., Montreal 133 Chestnut St., Holyoke, Mass.	LA 9489
Tebbutt, Harold J	Com. 2	Douglas Hall, Montreal 926 St. Thomas St., Three Rivers, Que.	BE 2885
Teed, Hugh M	B.Sc. 1	Douglas Hall, Montreal 88 Summer St., Saint John, N.B.	BE 2885

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Teed, Muriel E	B.A. 2	Royal Victoria College, Montreal 88 Summer St., Saint John, N.B.	MA 9177
Teet, John A	B.Sc. 3	650 Charlevoix St., Montreal	FI 1095
Teevens, Margaret E	B.H.S. 1	Macdonald College, Que 203 Renfrew St., Pembroke, Ont.	Ste. A98
Telfer, James G	Com. 3	73 Pine Ave., St. Lambert, Que	St. L 177
Telford, Kenneth M	Med. 3	Douglas Hall, Montreal 3489 Osler Ave., Vancouver, B.C.	BE 2385
Telford, William M	B.Sc. 3	3647 University St., Montreal 44 Renfrew Ave., Ottawa, Ont.	MA 2306
Temple-Hill, L	Theol. 3	3473 University St., Montreal 466 Claremont Ave., Montreal.	MA 4102 DE 3330
Templeton, Anna C	B.H.S 4	Macdonald College, Que 6 Bonaventure Ave., St. John's, Nfld	Ste. A98
Tennant, Agnes I	B.A. 4 Grad Nurses P.	156 Easton Ave., Montreal West, Que	EL 6603
Tennant, David C	Eng. 4	156 Easton Ave., Montreal West, Que	EL 6603
Tetrault, Claude M	B.A. 3	1587 McGregor St., Montreal	FI 0136
Thacher, Henry C	Med. 4	620 Prince Arthur St., Montreal Hinckley Road, Milton, Mass	
Thatcher, Frederick S	Grad Sch	Macdonald College, Que	Ste. A486
Thom, Anne M	B.A. 1	1437 Chomedy St., Montreal	WI 6136
Thomas, Gordon W	B.A. 2	3814 Old Orchard Ave., Montreal	WA 3164
Thomas, Irwin E	Grad. Sch	159 Humbercrest Blvd., Toronto 9, Ont.	
Thomas, Marjorie A	B.H.S. 3	Macdonald College, Que 384 St. Cyrille St., Quebec City, Que.	Ste. A98
Thomlinson Walter L	Eng. 4	2063 Stanley St., Montreal 10220-131st St., Edmonton, Alta.	MA 9038
Thompson, Anna M	Lib. Sch	1251 St. Mark Street, Montreal	FI 3110
Thompson, Austin E	Arts P	1242 Crescent St., Montreal	PL 5756
Thompson, Charles A	Med. 5	620 Prince Arthur St., Montreal 464 Clarence St., London, Ont.	
Thompson, Edith C	Teachers' (Inter.)	Macdonald College, Que Bulwer, Que.	Ste. A98
Thompson, Elizabeth H	B.H.S. 3	Macdonald College, Que 22 Fraser St., Quebec City, Que.	Ste. A98
Thompson, George H	B.A. 2	2377 Wellington St., Montreal	FI 3174
Thompson, Hope	B.A. 4	3410 Atwater Ave., Montreal	WI 6194
Thompson, Leslie C	Eng. 4	42 Finchley Road, Hampstead, Que.	EL 1143
Thomson, Charles M	Com. 2	4480 Western Ave., Westmount, Que	WE 4170
Thomson, Constance F	B.A. 1	Royal Victoria College, Montreal 28 Learmouth Ave., Quebec City, Que.	MA 9176
Thomson, Donald D	Com. 3	3445 Ontario Ave., Montreal	PL 7131
Thomson, James W	Eng. 4	4338 Montrose Ave., Westmount, Que	WI 7187
Thomson, Margaret R	B.A. 3	3669 Lorne Crescent, Montreal	MA 2195
Thomson, Peter R	B.Sc. 1	Douglas Hall, Montreal St. Hilaire, Que.	BE 2385
Thomson, Robert K	B.Sc. 1	Douglas Hall, Montreal Box 158, Islington, Ont.	BE 2385
Thornhill, Sylvia	B.A. 4	172 Edgehill Road, Westmount, Que.	WE 6187
Thornton, A. Devereux	Com. 3	344 Kensington Ave., Westmount, Que	FI 5135
Tierney, Kathryn B	B.Sc. 3	326 St. Joseph Blvd., Apt. 4, Montreal	
Timm, Mary E	B.H.S. 1	Macdonald College, Que 343 Lansdowne Ave., Westmount, Que.	Ste. A98
Timmins, Wilbert H	Eng. 1	6874 Sherbrooke St. W., Montreal	WA 4154
Tipler, Robert J. J	Med. 5	554 Milton St. W., Montreal 10024 Longwood Drive, Chicago, Ill.	MA 3173
Tirrell, Donald O	Eng. 2	4695 Victoria Ave., Montreal, Que.	EL 4970
Todd, Bernice L	Teachers' (Inter.)	Macdonald College, Que Ormstown, Que.	Ste. A98
Todd, E. W	Theol. 3	3506 University St., Montreal 7 Elderwood Road, Birkenhead, Eng.	MA 2655

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Todd Terence C	Med. 1	Douglas Hall, Montreal	BE 2885
		944 St. Charles St., Victoria, B.C.	
Todd Wm. Lawrence	Eng. 1	3506 University Street, Montreal	MA 2055
		Huntingdon, Que.	
Toll, M. Wilson	Med. 3	627 Milton St., Apt. 4, Montreal	HA 0657
		321 E. 43rd St., New York City, N.Y.	
Tomaselli, Joseph F	Dent. 2	3443 Durocher St., Montreal	HA 5078
		511 N. Plymouth Ave., Rochester, N.Y.	
Tomecko, Joseph W	Grad. Sch	7141 Sherbrooke St. W., Montreal	DE 0011
Tomiuk, Markian	B.A. 4	3506 University St., Montreal	MA 2055
Topp, Conliffe F	Com. 4	Douglas Hall, Montreal	BE 2885
		160 Denison Ave., Granby, Que.	
Torney, Reginald D	Law 2	2261 Souvenir Ave., Montreal	WI 2238
Tourgis, Catherine E	Arts P	252 Brock Ave., Montreal West, Que.	EL 8101
Townsend, Robert G	Med. 1	805 Upper Lansdowne Ave., Westmount, Que.	EL 2119
Townsend, W. Grant	B.Sc. 2	805 Upper Lansdowne Ave., Westmount, Que.	EL 2119
Tozer, Douglas H	B.Sc. 2	4530 Marcil Ave., Montreal	EL 1220
Tracey, Gerald	Eng. 1	2299 Belgrave Ave., Montreal	EL 8698
Traitor, Thomas F	Dent. 4	525 Prince Arthur St., Montreal	MA 6649
		103 Belmont St., Cambridge, Mass.	
Trapp, William G	Med. 4	Douglas Hall, Montreal	BE 2885
		407 Agnes St., New Westminster, B.C.	
Travis, Richard J	B.A. 2	1441 Drummond St., Montreal	MA 4171
		Main St., Sherborn, Mass.	
Treggett, Graham R	Eng. 4	3560 Hutchison St., Montreal	HA 4673
		Bergerville, Que.	
Trelfaven, Wilma J	B.H.S. P	Macdonald College, Que	Ste. A 98
		16 St. George St., Ste. Anne de Bellevue, Que.	
Trenholme, William H	Com. 2	Douglas Hall, Montreal	BE 2885
		204 Quebec St., Sherbrooke, Que.	
Trevaskis, John H	Med. 4	3468 Shuter St., Montreal	LA 3718
		118 So. Front St., Sunbury, Pa.	
Turcot, Frank A	Eng. 2	3437 Peel St., Montreal	PL 1674
		28 St. Amable St., Quebec City, Que.	
Turgeon, Guy J. R	Med. 3	814 Cherrier St., Montreal	FR 6363
Turiau, Edmund Albert O	B.Sc. 3	20329 Lakeshore Road, Baie d'Urfe, Que.	Ste. A 441F
Turnbull, Andrew R	Med. 4	158 Dunlop St., Barrie, Ont.	
Turnbull, Rupert B	Med. 2	3559 University St., Montreal	BE 3681
		S. Calif. St., Monrovia, Calif.	
Turner, Alice A	B.H.S. 3	Macdonald College, Que	Ste. A 98
		Beebe, Que.	
Tuttle, Paul D	Eng. 2	5399 Duquette Ave., Montreal	DE 5044
Tweedie, Frederic J	Med. 2	1429 Bishop St., Montreal	PL 6778
		Chatham, N.B.	
Tyndale, D. Margaret	B.A. 1	115 Sunnyside Ave., Westmount, Que.	EL 5815
Tyndale, William S	B.A. 1	115 Sunnyside Ave., Westmount, Que.	EL 5815
Udow, Alfred B	B.A. 3	4799 Victoria Ave., Westmount, Que.	WA 4396
Valladares, Jose A	Eng. 2	274 Pine Ave., Montreal	MA 8893
		J. B. Zayas, No. 14, Vibora, Habana, Cuba.	
Valley, Nancy D	Teachers' (Inter.)	Macdonald College, Que	Ste. A 98
		Perce, Gaspe Co., Que.	
VanBommel, Dirk J	Com. 1	328 Metcalfe Ave., Westmount, Que.	WE 4918
Vaudry, Marguerite M	B.H.S. 3	Macdonald College, Que	Ste. A 98
		Thetford Mines West, Que.	
Vaughan, Peter	B.A. 2	1321 Sherbrooke St. W., Montreal	PL 1306
Vaughan, Robert P	Eng. 2	1539 Macgregor St., Montreal	FI 8465
Veit, Wilma L	B.A. 1	Royal Victoria College, Montreal	MA 9176
		Sayabec, Que.	
Verlecchio, Alphonse	Med. 1	4250 Melrose Ave., Montreal	DE 7865
Verge, Gerard A	Eng. 1	3487 Durocher St., Montreal	MA 4097
		109 Murray Ave., Quebec City, Que.	

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Vezina, Leo	B.Sc. 1	4470 Sherbrooke St. W., Westmount, Que.	WE 2987
Villella, Eva	Grad. Sch	4238 Oxford Ave., Montreal	DE 9574
Villella, Laura L.	B.A. 4	4238 Oxford Ave., Montreal	DE 9574
Vincent, Stephen	Agr. P	Macdonald College, Que.	Ste. A 87
		Nicolet, Que.	
Vineberg, Philip F.	Law 2	1272 Van Horne Ave. W., Montreal	CR 4869
Viner, William C.	Eng. 1	1425 Bishop St., Montreal	PL 6436
von Cardinal, Clive H.	B.A. 3	1183 Sussex Ave., Montreal	WE 4597
		c/o E. L. Cumming, 5 Lower Grosvenor Place, London, S.W. 1, England.	
von Colditz, Herbert W.	Eng. 2	1536 Summerhill Ave., Montreal	FI 4346
Voss, George F.	Arts P	2238 Souvenir Ave., Montreal	PL 9531
Vossnack, Barbara P.	B.A. 2	850 McEachran Ave., Outremont, Que.	CA 1959
Wagner, Sydney	B.Sc. 2	6027 Waverley St., Montreal	CR 3461
Walcott, Edward W	B.Sc. 3	4419 Beaconsfield Ave., Montreal	WA 6442
Walcott, M. Alena	Lib. Sch	4419 Beaconsfield Ave., Montreal	WA 6442
Wales, Grace B	B.A. 3	1201 Dorchester St., Montreal	MA 7366
		St. Andrews East, Que.	
Walford, Wallace F.	Dent. 4	4089 West Hill Ave., Montreal	EL 8223
Walker, Bernice R.	Music	394 Cote St. Catherine Road, Outremont, Que.	CR 5754
Walker, Doris M.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		866 Hartland Ave., Outremont, Que.	
Walker, Florence M	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		2486 West 12th Ave., Vancouver, B.C.	
Walker, Howard J.	Eng. 2	866 Hartland Ave., Outremont, Que.	AT 6394
Walker, John A.	B.Sc. 3	24 Fenwick Ave., Montreal West, Que.	EL 5339
Walker, Laurence R	Grad. Sch	1483 Closse St., Montreal	WI 4454
Walker, Patricia E.	Arts P	8 Douglas Ave., Westmount, Que.	WE 4747
Walkinshaw, John C.	B.Sc. 1	772 Sherbrooke St. W., Montreal	PL 1156
		12 Maple Ave., Kenogami, Que.	
Walkley, John M.	B.Sc. 2	450 Victoria Ave., Westmount, Que.	EL 3409
Wall, Marion A.	B.H.S. 3	Macdonald College, Que.	Ste. A 98
		Box 370, St. Stephen, N.B.	
Wallace, James R.	Eng. 2	3988 Claude St., Verdun, Que.	
		Westville, N.S.	
Wallace, Mary E.	Grad. Nurses	St. Mary's Hospital, Lacombe Ave., Montreal	WA 2771
		Upper Bartiboque, N.B.	
Wallace, Thomas McL.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 87
		Shawville, Que.	
Walley, Frances J.	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		51 Mercille Ave., St. Lambert, Que.	
Walley, Kenneth M	Dent. 1	51 Mercille Ave., St. Lambert, Que.	St. L 534W
Wallis, Boris A.	B.A. 1	117 Irvine Ave., Westmount, Que.	FI 3918
Wallman, Clifford G.	Eng. 4	3581 Durocher Ave., Outremont, Que.	HA 7778
		322 Home St., Winnipeg, Man.	
Walsh, Cameron	B.Sc. 2	5128 Durocher Ave., Outremont, Que.	CR 0759
Walsh, David K.	Law 1	499 Elm Ave., Westmount, Que.	FI 7644
Walsh, Eileen C.	Teachers' (Inter.)	Macdonald College, Que.	Ste. A 98
		Shawville, Que.	
Walton, Catherine E.	B.H.S. 1	Macdonald College, Que.	Ste. A 98
		505 The Tavers, 4855 Cote St. Luc Rd., Montreal.	
Walton, Norman T.	B.Sc. 1	505 The Tavers, 4855 Cote St. Luc Rd., Montreal	WA 5407
Wang, Peter C.	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		Hawkesbury, Ont.	
Ward, James L.	B.Sc. 1	5669 Cote St. Antoine Rd., Montreal.	EL 5229
Ward, Richard P.	Dent. 1	942 Hartland Ave., Outremont, Que.	AT 1846
Ward, William E.	Com. 3	5569 Darlington Ave., Montreal	AT 1328
Warfield, Virginia Y	B.Sc. 1	Royal Victoria College, Montreal	MA 9176
		Ghent, N,Y,	
Warren, Marc.	B.Sc. 1	106 St. Joseph Blvd. W., Montreal.	DO 9733

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Warren, Melvin J. E.	Med. 4	3575 Hutchison St., Montreal 1701-17th Ave., Seattle, Washington.	PL 3377
Wasserman, Jacob S.	Law 1	5453 Jeanne Mance St., Montreal	CR 1906
Watson, Alan G.	B.A. 1	Douglas Hall, Montreal 88 Forest Hill Rd., Toronto, Ont.	BE 2885
Watson, Rhona E.	B.A. 3	1335 Bernard Ave. W., Montreal	CR 5384
Watson, Ruth B.	Teachers' (Elem.)	Macdonald College, Que. New Richmond, Que.	Ste. A 98
Watson, Thomas P.	Med. 2	17 Kindersley Ave., Town of Mount Royal, Que.	AT 1555
Watt, Alice M.	Arts P	1675 Lincoln Ave., Montreal 73 Alfred St., Brantford, Ont.	
Watt, James E.	B.A. 1	3561 Shuter St., Apt. 2, Montreal Little River West, Gaspe Co., Que.	LA 0965
Watters, Lynn A.	Eng. 3	632 Lansdowne Ave., Westmount, Que.	EL 1664
Waud, Peter B.	Eng. 1	338 Roslyn Ave., Westmount, Que. 33 Glen Rose Ave., Toronto, Ont.	EL 1936
Waugh, Isobella	Music	488 Congregation St., Montreal	WI 4373
Weaver, William S.	B.Sc. 4	57 Beverley Ave., Town of Mount Royal, Que.	AT 2891
Webb, Earle L. R.	Eng. 2	835 Pratt Ave., Outremont, Que.	AT 4386
Weber, Harold O.	Law 1	3536 Durocher St., Montreal	MA 5457
Webster, E. Beryl	B.A. 4	621 Victoria Ave., Westmount, Que.	EL 2178
Webster, Frank E.	B.Sc. 1	108 Edison Ave., St. Lambert, Que.	St. L 576
Webster, John A.	Eng. 1	141 Kenaston Rd., Town of Mount Royal, Que.	AT 0634
Webster, Mabel E. E.	Arts P	108 Edison Ave., St. Lambert, Que.	St. L 576
Weeks, Katharine E.	B.A. 3	4666 Victoria Ave., Montreal	EL 3275
Weir, Dorothy W.	B.A. 2	3650 Hutchison St., Montreal Cushing, Que.	MA 6548
Weiss, William G.	Med. 3	2054 Mansfield St., Montreal 130 East St., Lawrence, Mass.	LA 5528
Welch, Shirley E.	B.H.S. 1	Macdonald College, Que. 164 Waverley St., Ottawa, Ont.	Ste. A 98
Weldon, Richard D.	B.A. 4	355 Olivier Ave., Westmouut, Que.	FI 5961
Welham, Doris G.	Teachers' (Inter.)	Macdonald College, Que. 825 Hartland Ave., Outremont, Que.	Ste. A 98
Wellington, Frederick E.	Eng. 1	3555 University St., Montreal 11 Edgewood Cr., N. Rosedale, Toronto, Ont.	HA 5664
Wells, Beryl C.	Teachers' (Inter.)	Macdonald College, Que. West Brome, Que.	Ste. A 98
Wells, James E.	B.Sc. 1	4412 Draper Ave., Montreal	EL 9677
Wener, Joseph	Med. 1	6049 Durocher Ave., Montreal	CA 0569
Westman, Herbert	Eng. 3	4351 Oxford Ave., Montreal	EL 4880
Wetmore, Frederick R.	Agr. 2	Macdonald College, Que. Woodstock, N.B.	Ste. A 87
Wheaton, Vaughan L.	Arts P	1256 Ducharme Ave., Outremont, Que.	PL 9531
Wheeler, Henrietta K.	B.H.S. 3	Macdonald College, Que. 759 Fairmount Ave., St. Paul, Minnesota.	Ste. A 98
Wheeler, Myrna C.	B.A. 1	1629 Lincoln Ave., Apt. 2, Montreal. Huntingdon, Que.	
Wheelock, Gordon H.	Med. 2	3514 Lorne Ave., Montreal Wolfville, N.S.	MA 6743
Whitby, Oliver W.	Eng. 4	2061 St. Luke St., Apt. 5, Montreal 280 Manor Rd., Ottawa, Ont.	WI 8756
White, Earle A.	B.A. 2	772 Sherbrooke St. W., Montreal Mansonville, Que.	PL 1156
White, John W.	Med. 3	545 Pine Ave., Montreal Marietta, Ohio.	MA 1545
White, Ruth M.	B.A. 2	36-10th Ave., Lachine, Que.	Lachine 133-J
Whitehead, J. Ralph	B.Sc. 1	507 Cote St. Catherine Rd., Outremont, Que.	CA 4452
Whitehead, J. V. Elizabeth	B.A. 3	456 Pine Ave., Apt. 2, Montreal	MA 8894
Whitehorne, Gordon J. A.	B.A. 4	3506 University St., Montreal R 2, Spencerville, Ont.	MA 2055
Whitelaw, Donald M.	Med. 4	Douglas Hall, Montreal 1250 Wolfe Ave., Vancouver, B.C.	BE 2885

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Whitelaw, Jack W.	Med. 1	Douglas Hall, Montreal 1250 Wolfe Ave., Vancouver, B.C.	BE 2885
Whiteley, Frances G.	B.A. 4	3420 Hingston Ave., Montreal 26 Baby Point Crescent, Toronto, Ont.	DE 0219
Whiteman, Harry H.	B.Sc. 4	321 Broadway, Lachine, Que.	Lachine 177
Whiteside, A. Gordon O.	Grad. Sch	2015 University St., Apt. 26, Montreal Central Experimental Farm, Ottawa, Ont.	
Whitley, Barbara J.	B.A. 2	4339 Westmount Ave., Westmount, Que.	WE 5395
Whitman, Roderick L.	Med. 4	3483 Peel St., Montreal Wynyard, Sask.	LA 0643
Whittaker, Joan H.	B.Sc. 4	Royal Victoria College, Montreal c/o D. Whittaker, Esq., Canal Office, Cornwall, Ont.	MA 9177
Whittemore, C. Jane	B.A. 1	Royal Victoria College, Montreal 175 Maple St., Englewood, N.J.	MA 9176
Whyte, James H.	Grad. Sch	3514 Lorne Ave., Montreal 25 Coniston Dr., Edinburgh, Scotland.	MA 6743
Wickett, Thomas L.	B.A. 1	3437 Peel St., Montreal 1181 Kildare Rd., Walkerville, Ont.	
Widenmann, Charles H.	Med. 2	3602 Durocher St., Montreal 639 Virginia St., Vallejo, Calif.	HA 6709
Wigdor, Leon M.	Eng. 1	1568 Van Horne Ave. W., Outremont, Que.	DO 7756
Wilen, Ingrid L.	B.H.S. 4	Macdonald College, Que. 42 St. Louis St., Three Rivers, Que.	Ste. A 98
Wilfong, Archibald E.	B.A. 2	228 Third Ave., Verdun, Que.	
Wilkins, Glenn C.	Dent. 3	539 Prince Arthur St., Montreal 466-19th St., Richmond, Calif.	
Wilkinson, Laurence H.	Com. 4	3653 University St., Montreal 3409 Elbow Drive, Calgary, Alta.	PL 2073
Wilkinson, W. Arthur	Med. 1	429 Grosvenor Ave., Westmount, Que.	DE 3348
Wilkinson, William W.	B.A. 1	768 Desmarchais Blvd., Verdun, Que.	YO 2675
Williams, Dilys F.	Med. 1	281 Dorchester St. W., Montreal	LA 0909
Williams, Donald D.	Eng. 1	359 Laurier Ave. W., Montreal	CA 8825
Williams, Harold J.	Eng. 1	1525 St. Mark St., Montreal	FI 6187
Williams, Henry I.	Med. 4	5585 Canterbury Ave., Montreal	AT 0484
Williams, Hester T.	B.A. 1	2070 Lincoln Ave., Montreal	FI 9069
Williams, Ivor D.	B.A. 4	772 Sherbrooke St. W., Montreal 1525 St. Mark St., Apt. 10, Montreal.	PL 1156
Willing, Oxley R.	Dent. 1	787 Querbes Ave., Outremont, Que.	DO 6714
Willis, Robert S.	B.A. 1	2079 Grey Ave., Montreal	DE 2270
Wilmot, John A.	Agr. 1	Macdonald College, Que. 178 Park St., Moncton, N.B.	Ste. A 87
Wilsey, Ruth E.	Teachers' (Inter.)	Macdonald College, Que. Windsor Mills, Que.	Ste. A 98
Wilson, Charles L.	Med. 2	3462 Montclair Ave., Montreal	DE 9878
Wilson, Donald R.	Med. 4	548 Prince Arthur St. W., Montreal 9916-113th St., Edmonton, Alta.	MA 7845
Wilson, George B.	Grad. Sch	3511 Shuter St., Apt. 5, Montreal	MA 5470
Wilson, Harold S.	Grad. Sch	Box 100, Bourlamaque, Co. Abitibi, Que.	
Wilson, Isabel A.	B.A. 4	10 Richelieu Place, Montreal	BE 2497
Wilson, John H.	Eng. 1	613 Roslyn Ave., Westmount, Que. Box 134, Hudson, Que.	EL 4467 Hud. 13
Wilson, Joyce St. C.	B.H.S. 2	Macdonald College, Que. 1937-11th St., Calgary, Alta.	Ste. A 98
Wilson, Kenneth E.	Med. 2	3581 University St., Montreal 185 Metcalfe St., Ottawa, Ont.	MA 3842
Wilson, Lucy D.	Teachers' (Inter.)	Macdonald College, Que. Gramont, Que.	Ste. A 98
Wilson, William H.	B.Sc. 1	368 Main St., Farnham, Que.	
Winkler, Israel	Med. 4	733 Hartland Ave., Outremont, Que.	AT 1612

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NAME	FACULTY AND YEAR	ADDRESS	TEL. NO
Winkler, Louis	Grad. Sch	733 Hartland Ave., Outremont, Que.	AT 1612
Winser, Frank C	B.A. 1	Douglas Hall, Montreal	BE 2885
		Cowansville, Que.	
Winslow, Barbara P	B.A. 1	Royal Victoria College, Montreal	MA 9176
		1044 Craigdarrach Rd., Victoria, B.C.	
Winter, Helen A	B.Sc. 2	4048 Vendome Ave., Montreal	DE 7183
Wisell, George P	Dent. 3	772 Sherbrooke St. W., Montreal	PL 1156
		43 Washington St., Middlebury, Vt.	
Wishart, George	Grad. Sch	Macdonald College, Que	Ste. A 87
		154 Dufferin Ave., Belleville, Ont.	
Witherspoon, Charles R	Med. 1	Douglas Hall, Montreal	BE 2885
		20 Dartmouth, Rochester, N.Y.	
Withrow, David D	Med. 1	3640 Hutchison St., Apt. 2, Montreal	
Withrow, Polly B	Med. 1	3640 Hutchison St., Apt. 2, Montreal	
Wolofsky, Saul	B.Sc. 4	755 Davaar Ave., Outremont, Que.	CA 4851
Wong, Edward S	B.Sc. 1	1090 Chenneville St., Montreal	LA 2953
Wong, James	Arch. 5	1080 Chenneville St., Montreal	LA 2586
Wong, Peter K	Eng. 4	1090 Chenneville St., Montreal	LA 2953
Wong, Walter J	Eng. 2	Chinese Y.M.C.A., Dorchester St., Montreal	
		283 Charlotte St., Sydney, N.S.	
Woo, Wesley S	B.A. 4	772 Sherbrooke St. W., Montreal	PL 1156
Wood, Elizabeth H	B.A. 4	223 Metcalfe Ave., Westmount, Que.	WE 5932
Wood, Helen C	Arts P	25 Holton Ave., Montreal	FI 5136
Wood, Mary E	Arts P	Royal Victoria College, Montreal	MA 9176
		Forest Hills, Wheeling, W.Va.	
Wood, Ronald McF	Med. 2	621 Milton St., Montreal	HA 5436
		Brown's Town, P.O., Jamaica, B.W.I.	
Woodburn, Henry F	Com. 4	21 Campbell Ave., Montreal West, Que.	EL 3681
Woodbury, Dean F	B.Sc. 1	Douglas Hall, Montreal	BE 2885
		Washington, N.H.	
Woods, James D	B.A. 1	Douglas Hall, Montreal	BE 2885
		30 Avondale Rd., Toronto, Ont.	
Woods, Robert P	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		Box 208, Iowa City, Iowa.	
Woodyatt, Elizabeth M	B.A. 1	3197 The Boulevard, Westmount, Que.	FI 5958
Wootan, Edna F. E	Law 2	144 Balfour Rd., Town of Mount Royal, Que	AT 3095
Wootton, Tom A	Eng. 3	19 Campbell Ave., Montreal West	EL 3488
Worley, Jean	B.A. 2	4605 Rosedale Ave., Montreal	DE 8771
Wray, Betty P	Homemaker	Macdonald College, Que	Ste. A 98
		260 Third St., Midland, Ont.	
Wright, A. Meade	Eng. 1	2349 Grand Blvd., Montreal	DE 1752
Wright, Carol	B.A. 4	4293 Montrose Ave., Westmount, Que.	WE 2238
Wright, D. Stuart	Com. 1	1 Grenville Ave., Westmount, Que.	FI 6432
Wright, Dora P	B.A. 3	517 Roslyn Ave., Westmount, Que.	DE 6319
Wright, Doreen	Homemaker	Macdonald College, Que	Ste. A 98
		4293 Montrose Ave., Westmount, Que.	
Wright, Geoffrey K	B.Sc. 1	363 Mayor St., Montreal	
Wright, Helen M	B.Sc. 3	1447 Galt Ave., Montreal	FI 6712
Wright, Joanna	B.A. 3	697 Aberdeen Ave., Westmount, Que.	FI 8470
Wright, John T	Med. 5	629 Prince Arthur St. W., Apt. 1, Montreal	PL 2011
		217 East Taylor St., Reno, Nev.	
Wright, Sheila K	Teachers' (Elem.)	Macdonald College, Que	Ste. A 98
		Knowlton, Que.	
Wright, William A	Med. 1	3474 McTavish St., Montreal	LA 7645
		Digby, N.S.	
Wright, William R	Com. 2	697 Aberdeen Ave., Westmount, Que.	FI 8470
Wroth, Peregrine	Med. 3	Douglas Hall, Montreal	BE 2885
		Hagerstown, Md.	

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